Exercises on Lesson 2

1 Choose the correct answer:

1. .... is technology that is able to use human traits of problem-solving, reasoning, and decision-making to perform tasks.
   a. AR b. AI
   c. VR d. None of the previous
2. All the following are common AI tools, except ....
   a. social media sites b. chat windows
   c. email spam filters d. pencils
3. AI depends on .... to learn problem-solving, reasoning, and decision-making.
   a. algorithms b. AR
   c. VR d. none of the previous
4. .... is/are an example of a common AI tool related to unlocking devices.
   a. Navigation apps b. Facial recognition
   c. Smart thermostats d. Chatbots
5. Navigation apps use .... to guide you to a destination.
   a. AI b. AR
   c. VR d. none of the previous
6. Smart thermostats are smart home devices that use AI to ....
   a.play music b. cook food
   c. regulate temperature d. clean the room
7. Digital voice assistants are primary used to ....
   a. drive cars b. cook food
   c. respond to questions/requests d. none of the previous
8. .... prevent dangerous email from reaching your inbox.
   a. Navigation apps b. Facial recognition
   c. Chat windows d. Email spam filters
9. Social media sites use AI to suggest .... to users.
   a. connections b. devices
   c. locations d. d. None of the previous
10. Chat windows are AI tools that provide responses from ....
   a. chatbots b. algorithms c. virtual reality d. printers

11 .... provide personalized learning for each user's unique abilities.
a. Navigation apps b. Interactive learning programs
c. Email spam filters d. Language processing tools

12 .... help you formulating your writing or responses.
a. Facial recognition b. Navigation apps
c. Language processing tools d. Chat windows

13 Data used in AI should be based on ....
a. opinions b. facts c. personal views d. popular trends

14 If an AI tool doesn't work as it should, what should be done?
a. Admit the mistake
b. Provide insight on what went wrong
c. Blame the user d. a and b

2 Put (✓) or (✗):

1 Users of AI do not need to be ethical. (   )
2 AI uses human traits like problem-solving and reasoning to perform tasks. (   )
3 Digital voice assistants respond only to email messages. (   )
4 AI tools should be inclusive to all users. (   )
5 Navigation apps use AR to guide you to a destination. (   )
6 Email spam filters aim to ensure dangerous emails reach your inbox. (   )
7 AI tools are not used in writing essays. (   )
8 Chatbots on websites provide responses through chat windows. (   )
9 It's not necessary to protect yourself online when using AI tools. (   )
10 User privacy and security are important when designing AI tools. (   )
11 Transparency in AI tools involves hiding how they work. (   )
12 Language processing tools may be used to plagiarize work. (   )
13 AI tools should be beneficial and used to help society. (   )
14 Language processing tools never create misinformation. (   )

3 Complete the missing parts using the words between the brackets:

(Facial recognition - Smart thermostats - Email spam filters - Chat windows - Navigation apps)

1 .... are used to regulate temperatures.
2 .... provide responses through 'chatbots'.
3 .... are used to guide you to a destination.
4 .... is used to unlock your devices.
5 .... prevent dangerous email from reaching your inbox.

Test Yourself on Lessons 1&2

1 Choose the correct answer:

1. Navigation apps use AI to ....
   a. check email b. unlock devices
   c. lead you to your destination d. none of the previous
2. Language processing tools may be used to ....
   a. impersonate people b. create misinformation
   c. plagiarize work d. all the previous
3. Smart thermostats are used to ....
   a. cook food b. regulate temperature
   c. unlock devices d. check email
4. .... is a free coding website for children.
   a. HTML b. Java c. Linux d. Scratch
5. .... is/are personalized for each user's unique abilities.
   a. Interactive learning programs b. Email spam filters
   c. Navigation apps d. Facial recognition
6. Chat windows are .... tools that provide responses from chatbots
   a. AI b. AR c. offline d. none of the previous
7. .... is (are) examples on Voice-controlled virtual assistants.
   a. Siri b. Alexa c. scratch d. both a and b

2 Put (✓) or (✗):

1. Facial recognition is a common AI tool used to unlock devices. (   )
2. Alexa is a voice-controlled virtual assistant designed by Google. (   )
3. The AI persona can play games, shop online, and help you sleep. (   )
4. Data used in AI should be based on personal views. (   )
5. An algorithm is a step-by-step procedure used for solving problems. (   )
6. The creators of an AI tool need to follow a code of ethics. (   )
7. Chat windows prevent dangerous email from reaching your inbox. (   )
8. A hard drive is an online data storage device for accessing data anywhere. (   )

Exercises on Lesson 3

1 Choose the correct answer:

1. .... is the buying and selling of goods and services on the internet.
   a. E-commerce b. E-learning
   c. Stock exchange d. None of the previous
2. A market for buying and selling stocks is called ....
   a. super market b. stock Exchange
   c. bonds d. None of the previous
3. Consumers use .... to compare products
   a. comparison websites b. Google
   c. social media d. none of the previous
4. Comparisons could be based on the .... of the product.
   a. price b. quality
   c. a and b d. none of the previous
5. Experienced consumers use ...... to help them make purchasing decisions.
   a. research tools b. guesses c. by luck d. none of the previous
6. Companies can sell .... to raise money.
   a. stocks b. reviews c. bonds d. competitors
7. If you want to buy a laptop and use a comparison website, it provides the .... of laptops
   a. features b. prices
   c. cooking recipes d. a and b
8. Consumers should be careful because some reviews may be ....
   a. trusted b. fake c. exaggerated d. b and c
9. Search engines can help .... make their decisions to buy products.
   a. business b. consumers c. sellers d. none of the previous
10. .... are equal parts into which the ownership of a company is divided.
    a. Reviews b. Bonds c. Shares d. Products
11. Consumers use comparison websites to ....
    a. compare products b. read news
    c. play games d. watch videos
12. Information from family and friends is always a .... way to evaluate products
    a. fake b. untrusted c. helpful d. none of the previous

13 A person who wants to help the environment invest in .... company.
a. fast food b. green c. blue d. tobacco

2 Put (✓) or (✗):

1 E-commerce involves only buying and selling goods. ( )
2 The Stock Exchange is a market where people can buy and sell products, ( )
3 Comparisons websites are only based on the color of the product. ( )
4 Reviews by family and friends are useful in evaluating products. ( )
5 Shares represent equal parts of a company's ownership. ( )
6 Search engines can only provide information about product prices. ( )
7 Experienced consumers use technological research tools when shopping online. ( )
8 Companies may sell bonds to raise money. ( )
9 Search engines do not provide links to relevant shopping sites. ( )
10 Stocks and bonds can be bought, managed, and sold through websites. ( )
11 Online reviews are always accurate and trustworthy. ( )
12 Consumers use comparison websites to help them compare products.( )
13 Stocks/shares do not involve any risk. ( )
14 A search engine provides quick and short product descriptions for consumers. ( )

3 Complete the missing parts using the words between the brackets:

(Comparison websites- fake - E-commerce - quality – Search engines)

1 Be careful, some reviews may be .... to prompt you to buy a product.
2 You can use .... to help you compare products.
3 .... is the buying and selling of goods and services on the internet.
4 .... is an important research tools that provide links to relevant shopping sites.
5 Comparison website usually compare products based on products' price, or ....

Exercises on Lesson 4

1 Choose the correct answer:

1. .... are sources of information which a student can potentially learn from.
   a. Internet Service Providers
   b. Educational Service Providers
   c. Social media platform
   d. Online shopping sites
2. You can communicate with ESPs ....
   a. formally
   b. less formally
   c. a and b
   d. none of the previous
3. Educational Service Providers (ESPs) include .... organizations.
   a. profit
   b. non-profit
   c. a and b
   d. none of the previous
4. Educational Service Providers (ESPs) may include ....
   a. online libraries
   b. educational publishing sites
   c. online museums
   d. all the previous
5. When writing to an ESP, it is important to ....
   a. be formal b. be informal c. use emojis d. none of the previous
6. After sending an email to an ESP, you may receive ....
   a. instant response
   b. automatically generated reply
   c. personal phone call
   d. none of the previous
7. .... is/are example(s) of ESPs
   a. Alexandria Library
   b. EKB
   c. Facebook
   d. a and b
8. You can contact ESPs using ....
   a. emails b. chat windows c. phone call d. a and b
9. Chatbots are ....
   a. AI software b. real people c. security app d. antivirus
10. You can contact ESPs formally using ....
    a. email b. chat windows c. Facebook d. SMS
11. When writing an email, you should write the title of the message in the ....
    a. To field
    b. Subject line
    c. CC field
    d. none of the previous

12 Which element is not typically included in a formal email to an ESP?

a. Title of the message
b. Greetings
c. Emojis
c. Email address

2 Put (✓) or (✗):

1. Educational Service Providers (ESPs) are only profit organizations. ( )
2. Students cannot learn online from ESPs. ( )
3. When writing to an ESP, it's not important to be formal. ( )
4. Contacting ESPs more formally involves using chat windows. ( )
5. Online museums can be considered as ESPs. ( )
6. The only way to contact ESPs is through email. ( )
7. The title of the email message should be written in the body of the email. ( )
8. Chatbots are real people responding to questions online. ( )
9. You should always be formal when writing to Educational Service Providers (ESPs). ( )
10. When writing an email, it is necessary to include greetings and closing messages. ( )
11. Educational Service Providers (ESPs) include profit and non-profit organizations. ( )
12. When communicating with ESPs, it's necessary to be clear and focused. ( )

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Educational Service Providers	a. are used to communicate with some ESPs less formal.
2 Email	b. they are examples of ESPs.
3 EKB and Alexandria Library	c. they are sources of information used to learn from it.
4 Chatbots	d. is used to communicate with some ESPs formally.
5 Chat windows	e. they are AI apps designed to respond to questions online.

1 .... 2 .... 3 .... 4 .... 5 ....

Test Yourself on Lessons 3&4

1 Choose the correct answer:

1. Formal communication with ESPs can be conducted via ....
   a. email b. chat windows c. instant message d. SMS
2. A person who wants to help the environment invest in .... company
   a. fast food b. green c. blue d. tobacco
3. A market for buying and selling stocks is called ....
   a. e-commerce b. stock Exchange c. bonds d. none of the previous
4. Consumers use comparison websites to .... products
   a. sell b. buy c. compare d. none of the previous
5. When writing an email, you should write the recipient's address in the ....
   a. To field b. Subject line c. email's body d. none of the previous
6. You can contact ESPs using ....
   a. email b. chat windows c. video chats d. a and b
7. Companies may sell .... to raise money.
   a. stocks b. reviews c. bonds d. competitors

2 Put (✓) or (✗):

1. There are many online shops which own websites. ( )
2. Chatbots are real individuals answering online requests. ( )
3. Most websites do not share user reviews for products. ( )
4. Educational publishing sites can be considered as ESPs. ( )
5. Search engines are not important for making purchasing decisions. ( )
6. Always be formal when contacting Educational Service Providers. ( )
7. Consumers are overwhelmed due to the limited options in online shops. ( )
8. Online reviews are always reliable. ( )

Exercises on Lesson 5

1 Choose the correct answer:

1. There are many digital communication tools, such as ....
   a. video chats
   b. live TV shows
   c. instant chat room
   d. all the previous answers
2. To create a meeting in Google Meet, click on ....
   a. Join Meeting
   b. New Meeting
   c. Leave Meeting
   d. none of the previous answers
3. To join a meeting, copy and paste the invite link into your browser, then click ....
   a. Start
   b. Exit
   c. Join
   d. Connect
4. Once you're in the Meet, you should .... the use of microphone and camera.
   a. turn off
   b. approve
   c. ignore
   d. remove
5. During your video conference, you should ....
   a. turn off your camera
   b. dress appropriately and smile
   c. ignore the participants
   d. leave the meeting
6. When you aren't speaking in an online meeting, it is recommended to .... the microphone.
   a. turn on
   b. mute
   c. remove
   d. all the previous answers
7. Real-time communication is often ....
   a. more expensive
   b. more engaging
   c. slower
   d. less reliable
8. Google Meet™ is a/an ....
   a. search engine
   b. web browser
   c. video conference app
   d. email service
9. After creating a meeting, you should .... the meeting link.
   a. copy
   b. share
   c. ignore
   d. both a and b
10. The basic tools in Microsoft Teams and Google Meet are ....
    a. similar
    b. different
    c. variable
    d. none of the previous

11. After your video conference, you should ....
    a. send an email to follow up b. delete the meeting link
    c. ignore the participants d. leave the meeting
12. The follow-up email after the video conference should include a .... of the meeting.
    a. summary b. complaint c. recipe d. transcript

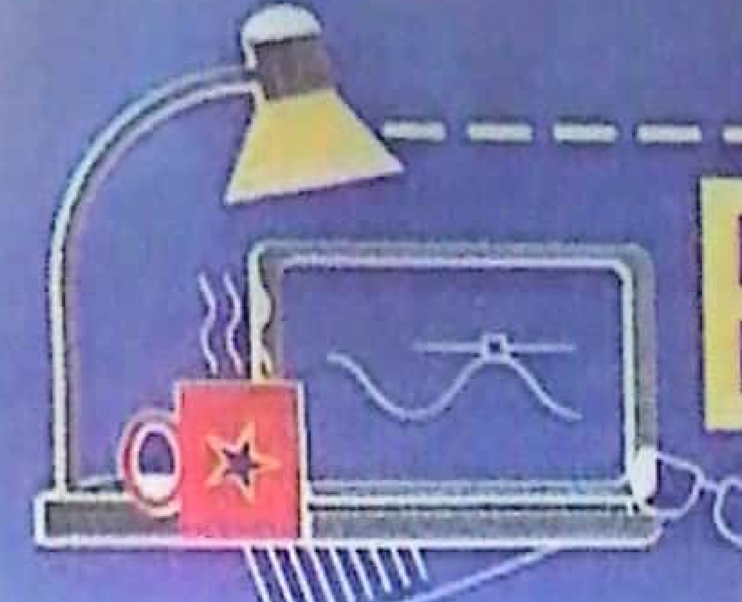
2 Put (✓) or (✗):

1. Cloud computing tools can be used for real-time communication. (
2. Microsoft Teams and Google Meet™ are video conferencing platforms (
3. A video conference is not a means of real-time communication. (
4. There is no need to check the connection and software before a video call. (
5. You can join a meeting by entering the invite link. (
6. Participants can see you if you turn off your camera. (
7. You should mute your microphone when you're not speaking. (
8. Sending a follow-up email after a video conference is not necessary. (
9. You can't include a meeting recording link in your follow-up email. (
10. The basic tools in Microsoft Teams and Google Meet™ are different. (
11. You can turn off the microphone or camera by clicking on the icon again (
12. You can include a summary of the meeting in your follow-up email. (

3 Complete the missing parts using the words between the brackets

(New Meeting – turn on – Enter a code or link – Microsoft Teams – turn off)

1. .... is a popular video conferencing platform.
2. To create a Meet, click on ....
3. Participants will be able to see you if you .... your camera.
4. To join a Meet, you can enter the link into the "............................" field.
5. In a Meet, you should .... your microphone if you are not speaking



Exercises on Lesson 6

1 Choose the correct answer:

1. .... are commands that are provided in sentences for writing computer programs.
   a. Programming languages b. Computer systems
   c. Software applications d. Operating systems
2. You should regularly backup important files to ....
   a. an external hard drive b. a cloud storage service
   c. both a and b d. none of the previous answers
3. .... is content that remains the same to every user who visits the website.
   a. Static content b. Dynamic content
   c. Interactive content d. All the previous answers
4. HTML is commonly used for creating ....
   a. AI software b. games c. web pages d. mobile apps
5. Deleting the file and downloading it again is a solution to the problem that ....
   a. the file was accidentally deleted b. the file was corrupted
   c. the file can't be saved d. the device won't charge
6. If your device won't charge, you should check the ....
   a. charging cable b. electricity at home
   c. software update d. both a and b
7. The web content that changes based on the user interactions is called ......
   a. static content b. dynamic content
   c. fixed content d. both a and b
8. The "Recycle Bin" in your computer .... the deleted files.
   a. temporarily stores b. permanently removes
   c. both a and b d. none of the previous answers
9. The .... language is used to create static web content.
   a. HTML b. JavaScript c. C++ d. Java
10. What can you do if a file is corrupted?
    a. Delete it and download it again. b. Open it with another program.
    c. Update my software. d. All the previous answers

11. .... is a programming language used to create dynamic web content.
    a. HTML b. JavaScript c. Scratch d. Python
12. How can you prevent accidental file deletion?
    a. Delete the files regularly. b. Rename files often.
    c. Regularly back up important files. d. Ignore the issue.

2 Put (✓) or (✗):

1. Programming languages are used to write computer programs. ( )
2. JavaScript is primarily used for creating static web content. ( )
3. Corrupted files can be fixed by simply re-downloading them. ( )
4. HTML can only create dynamic web content. ( )
5. JavaScript is commonly used to create dynamic web content. ( )
6. Using the name of another file when trying to save a file can cause an error. ( )
7. Replacing the keyboard cable is a solution if the device won't charge.( )
8. If your device doesn't charge, try to use another charging cable. ( )
9. Using a password manager is not a reliable solution for managing passwords. ( )
10. You should regularly update your programs to prevent corrupted files. ( )
11. HTML is commonly used to create mobile applications. ( )
12. Dust and water in the charging port can prevent a device from charging. ( )
13. Dynamic web content remains the same for every user. ( )
14. If the file name includes special characters, it may give an error message.( )
15. If a file is corrupted, try opening it using another program. ( )

3 Complete the missing parts using the words between the brackets:

(JavaScript – Static – Password manager – HTML – Dynamic)

1. .... is a programming language used to create dynamic content.
2. .... web content is the content that remains the same to every user.
3. .... is a reliable application to manage your passwords.
4. .... is commonly used to create static web pages.
5. .... web content is the content that can be changed with time.

Test Yourself on Lessons 5&6

1 Choose the correct answer:

1. .... is the programming language used for creating dynamic web content.
   a. HTML b. JavaScript c. Scratch d. Python
2. .... is (are) among the popular video conferencing platforms.
   a. Google Meet b. Microsoft Teams c. Microsoft Office d. Both a and b
3. HTML is used for creating .... web pages.
   a. static b. dynamic
   c. both a and b d. none of the previous answers
4. .... sets up strong, unique passwords for your accounts.
   a. HTML b. CSS c. Password manger d. C++
5. Programming languages are used for ....
   a. surfing the internet b. writing software programs
   c. powering devices d. none of the previous answers
6. To create a meeting in Google Meet, click on ....
   a. Join Meeting b. New Meeting
   c. Leave Meeting d. none of the previous answers
7. .... is a coding language suitable for updating site content.
   a. HTML b. CSS c. C++ d. JavaScript

2 Put (✓) or (✗):

1. HTML is the popular language for creating chatbots. (
2. If a file is corrupted, one of the solutions is to delete it and download again. (
3. Participants can't see you unless you turn on your camera. (
4. Real-time communication is less engaging than other forms of communication (
5. The basic tools in Microsoft Teams and Google Meet are similar. (
6. Fixing glitches in your connection and software is advisable before a video conference. (
7. Dynamic web content changes based on individual user interactions. (
8. The "Recycle Bin" or "Trash" on your computer permanently deletes files. (

Accumulative Test

On Lessons 1, 2, 3, 4, 5 & 6

اختبار تراكمي على الدروس من الدرس الأول للدرس السادس

1 Choose the correct answer from a, b, c or d.

1. .... is one of the professional roles of Ms. Ariam Mogos.
   a. Architect b. Actress
   c. Learning Technologist d. Mechanical Engineer

2. .... is a framework that the young refugees and host communities in Kenya use to design their games.
   a. Scratch™ b. JavaScript c. Unreal Engine d. Unity3D

3. .... are what enable artificial intelligence (AI) to learn how to solve problems, apply logic, and make judgments.
   a. HTML b. Algorithms c. JavaScript d. PDF

4. 📖 Language processing tools can be .... resources of information.
   a. invaluable b. inaccurate c. untrusted d. all of them

5. Selling and purchasing goods and services online is known as ....
   a. online museum b. online library c. e-commerce d. none of them

6. Educational service providers (ESPs) include .... organizations that provide educational support.
   a. profit only b. non-profit only
   c. profit and non-profit d. none of them

7. 📖 You can contact .... to help you with research or other educational needs.
   a. ESPs b. ISPs c. ICT d. WWW

2 Put (✓) in front of the correct sentences and (×) in front of the wrong one.

1. (AI) tools should be used to help society, not to take advantage of them. ( )
2. You can use search engines to find information about anything, including details about products and websites. ( )
3. 📖 Chatbots aren't real people. They are artificial intelligence (AI) computer programs designed to respond to questions online. ( )
4. You can't frequently communicate in real-time and make your message more interesting. ( )
5. Send a follow-up email following your video conference that includes a summary of the meeting. ( )
6. 📖 JavaScript is a programming language that is useful for building static websites. ( )
7. Try using a different program to open the corrupted file. ( )
8. To avoid forgetting your password, use a password manager app. ( )



يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

Monthly Assessments

التقييمات الشهرية



February Test

1 Choose the correct answer from a , b, c or d.

1. After your video conference, send a/an .... to follow up after the meeting.
   a. image b. email c. data d. idea
2. Artificial intelligence (AI) depends on .... to teach it how to learn to problem-solve, use reasoning, and make decisions.
   a. algorithms b. words c. articles d. letters
3. Being .... is one of the ethics that should be practiced by AI designers.
   a. honor b. kindness c. inclusive d. intelligence
4. Consumers with experience use .... to research products and make the best decisions when making purchases.
   a. friends b. hands c. calculators d. technology
5. Search .... are important technological research tools.
   a. engines b. devices c. machines d. process
6. ESPs are sources of .... which a student can potentially learn from.
   a. lessons b. information c. ideas d. colors
7. Chat windows usually have .... for responses.
   a. friends b. data c. chatbots d. answers

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Consumers use comparison websites to help them compare products. ( )
2. Being transparent means being willing to explain how the AI tools work. ( )
3. Tools for language processing cannot be very useful information sources. ( )
4. Websites that provide product comparisons are used by consumers. ( )
5. Some online reviews may be fake or exaggerated. ( )
6. Chatbots are artificial intelligence (AI) computer programs. ( )
7. Educational service providers (ESPs) include both profit and non-profit organizations. ( )
8. It's important to be formal when writing to an ESP. ( )



شرح وبنك أسئلة
للصف السادس الابتدائي
لمادة الكمبيوتر وتكنولوجيا المعلومات ICT



المحور الثالث (المواطنة الرقمية)

Theme3 Digital Citizenship

الدرس ٢ أخلاقيات استخدام الذكاء الاصطناعي

LESSON 2 Ethics of using artificial intelligence

الذكاء الاصطناعي هو التكنولوجيا التي تتمكّن من استخدام السمات البشرية في حلّ المشكلات، واستخدام المنطق واتخاذ القرارات لأداء المهام

Artificial intelligence is technology that is able to use human traits of problem-solving, reasoning and decision-making to perform tasks

بعض أدوات الذكاء الاصطناعي الشائعة التي ربما تكون قد استخدمتها:

Some common AI tools that you may have used are:

- فتح الجهاز بالتعرّف على الوجه facial recognition to unlock your devices
- تطبيقات الملاحة لإرشادك إلى وجهة ما navigation apps to guide you to a destination
- الأجهزة المنزلية الذكية مثل منظّمات الحرارة الذكية لتنظيم درجة الحرارة

Smart home devices such as smart thermostats to regulate temperature

- المساعدون الصوتيون الرقميون الذين يجيبون عن الأسئلة أو الطلبات

Digital voice assistants that respond to questions/requests

- فلاتر البريد الإلكتروني التي تمنع البريد الإلكتروني الخطير من الوصول إلى صندوق الوارد Inbox الخاص بك

Email spam filters that prevent dangerous email from reaching your inbox

- مواقع التواصل الاجتماعي التي تقدّم اقتراحات للمستخدمين للاتصال بالآخرين

Social media sites that make connection suggestions to users

- نوافذ الدردشة على مواقع الويب التي توفّر ردودًا من" روبوتات المحادثة"

Chat windows on websites that provide responses from ‘chatbots’

- برامج تعليمية تفاعلية مخصّصة لتناسب القدرات الفريدة لكلّ مستخدم

Interactive learning programs personalized for each user’s unique abilities

- أدوات معالجة اللغة التي توفّر المعلومات وحتى تساعدك على صياغة كتابتك أو إجاباتك على أمر ما بدءًا من النصوص البسيطة ورسائل البريد الإلكتروني حتى الترميز والمقالات وغيرها.

Language processing tools, that can provide information and even help you to formulate your writing or responses to something, from simple texts and emails, to coding, to essays and beyond

يعتمد الذكاء الاصطناعي على الخوارزميات لتعلّمه على حلّ المشكلات واستخدام المنطق واتخاذ القرارات

Artificial intelligence (AI) depends on algorithms to teach it how to learn to problem-solve, use reasoning and make decisions.

لا يثق بعض الناس بالذكاء الاصطناعي ويترددون في استخدامه، لكنّ اتباع الأخلاقيات يمكن أن يساعد في التخفيف من مخاوفهم

Some people worry that they can’t trust AI. Following the ethics can help ease people’s fears.

.يجب على مستخدمي الذكاء الاصطناعي أن يكونوا أخلاقيين ويستخدموا هذه الأدوات لمساعدة أنفسهم والآخرين والمجتمع

It is also up to users of AI to be ethical Use these tools to help yourself, to help others and to help society.

لا يجب أن يستخدموها لانتهاك خصوصية الأشخاص أو الغش أو التسبب بالأذى.

Do not use AI tools to invade people's privacy, cheat or cause harm.

يجب على مصمّمى الذكاء الاصطناعى أن يطبّقوا الأخلاقيات التالية:

الشمولية Be inclusive	يجب أن تشمل أدوات الذكاء الاصطناعي جميع المستخدمين وليس فقط مجموعة محدّدة AI tools should be inclusive to all users, not just a select group.
عدم التحيّز Be unbiased :	يجب أن تستند البيانات إلى الحقيقة وليس على الرأي أو على وجهات النظر الشخصية. Data should be based on fact, not opinion or personal views.
الإفادة: Be beneficial	يجب أن تُستخدم أدوات الذكاء الاصطناعي لمساعدة المجتمع وليس للاستفادة منه. AI tools should be used to help society, not used to take advantage of it.
الشفافية: Be transparent	يجب أن يكون المصمّمون على استعداد لشرح كيفية عمل أدوات الذكاء الاصطناعي. Be willing to explain how the AI tools work.
التحفّظ: Be protective	يجب مراعاة خصوصية المستخدم وأمانه عند تصميم أدوات الذكاء الاصطناعي. User privacy and security must be considered when designing AI tools.
المسؤولية: Be accountable	إذا لم تعمل أداة الذكاء الاصطناعي كما ينبغي، يجب على المصمّم أن يعترف بالخطأ الذي حدث ويقدّم معلومات دقيقة حوله ويشرح ما يتمّ فعله لإصلاحه. If an AI tool doesn't work as it should, admit the mistake, provide insight on what went wrong and explain what is being done to fix it.

- يمكن أن تشكّل أدوات معالجة اللغة مصادر معلومات لا تقدّر بثمن

Language processing tools can be invaluable resources of information.

- ومع ذلك، هناك مخاوف من إمكانية استخدامها لسرقة (نسخ) بعض الأعمال وللتضليل ولانتحال الشخصيات، من المشاهير وصولاً إلى أحد أفراد الأسرة!

However, there are concerns that they can be used to plagiarize (copy) work, create misinformation and impersonate people –from famous people to even a family member!

- يعود الأمر إليك لحماية نفسك على الإنترنت حتى وإن كانت أدوات الذكاء الاصطناعي تحمي بياناتك

It's up to you to protect yourself online, even with AI tools that seem helpful.

- يجب التأكّد من أن الشركة أو المصمّم الذي أنتج أداة الذكاء الاصطناعي التي تريد استخدامها يتبع قواعدالأخلاق

You have to make sure that the company or designer who developed the AI tool you want to use is following a code of ethics.





شرح وبنك أسئلة
للصف السادس الابتدائي
لمادة الكمبيوتر وتكنولوجيا المعلومات ICT



أسئلة على الدرس الثانى:

أولاً:أسئله الصواب والخطأ ضع علامة (√) أمام الجملة الصحيحة و (x) أمام الجملة الخطأ

السؤال	ج
١- الذكاء الاصطناعي هو التكنولوجيا التي تتمكّن من استخدام السمات البشرية في حلّ المشكلات Artificial intelligence is technology that is able to use human traits of problem-solving	√
٢- لايستخدم الذكاءالاصطناعى المنطق لأداء المهام AI does not use logic to perform tasks	x
٣- فتح الجهاز بالتعرّف على الوجه من ادوات الذكاء الاصطناعي Unlocking the device with facial recognition is an artificial intelligence tool	√
٤- أدوات معالجة اللغة ليست من أدوات الذكاءالاصطناعى Language processing tools are not artificial intelligence tools	x
٥- نوافذ الدردشة على مواقع الويب التي توفّر ردودًا من" روبوتات المحادثة" من ادوات الذكاء الاصطناعى Chat windows on websites that provide responses from AI “chatbots.”	√
٦- تستخدم فلاتر البريد الالكترونى فى منع البريد من الارسال Email spam filters are used to Prevents mail from being sent	x
٧- الأجهزة المنزلية الذكية مثل منظّمات الحرارة الذكية لتنظيم درجة الحرارة Smart home devices such as smart thermostats to regulate temperature	√
٨- أدوات معالجة اللغة توفّر المعلومات وتساعد على صياغة الكتابات اوالاجابات. Language processing tools provide information and help formulate writing or answers.	√
٩- يعتمد الذكاء الاصطناعي على الخوارزميات لتعلّمه Artificial intelligence (AI) depends on algorithms to teach it	√
١٠- اتباع الاخلاقيات يساعد في التخفيف من مخاوف الناس استخدام الذكاء الاصطناعي Following the ethics can help ease people’s fears about using AI .	√
١١- لا يجب على مستخدمي الذكاء الاصطناعي أن يكونوا أخلاقيين AI users don't have to be ethical	x
١٢- لا يجب أن يستخدم الذكاء الاصطناعى لانتهاك خصوصية الأشخاص أو الغش أو التسبب بالأذى. Do not use AI tools to invade people’s privacy, cheat or cause harm.	√
١٣- فى الذكاء الاصطناعي يجب أن تستند البيانات إلى الحقيقة وليس على الرأي أو على وجهات النظر الشخصية. In artificial intelligence, data should be based on fact, not opinion or personal views.	√
١٤- التحفظ هو مراعاة خصوصية المستخدم وأمانه عند تصميم أدوات الذكاء الاصطناعي. Protective is user privacy and security must be considered when designing AI tools.	√
١٥- الشمولية عبارة عن أسناد البيانات إلى الحقيقة وليس على الرأي أو على وجهات النظر الشخصية. inclusive Data should be based on fact, not opinion or personal views	x



شرح وبنك أسئلة
للصف السادس الابتدائي
لمادة الكمبيوتر وتكنولوجيا المعلومات ICT



ثانياً:أسئله الأختيارمن متعدد

اختر الإجابة الصحيحة من أ، ب، ج، د.

١ـ الذكاء الاصطناعي هو التكنولوجيا التي تتمكّن من استخدام................
Artificial intelligence is technology that is able to use
أ. السمات البشرية في حلّ المشكلات human traits of problem-solving
ب. استخدام المنطق و القرار reasoning and decision
ج.اداء المهام making to perform tasks
د. كلهم All of them ☑

٢ـ من أدوات الذكاء الاصطناعي................
Artificial intelligence tools...
أ. المساعدون الصوتيون الرقميون Digital voice assistants
ب. فلاتر البريد الإلكتروني Email spam filters
ج. فتح الجهاز بالتعرّف على الوجه facial recognition to unlock your devices
د. كلهم All of them ☑

٣ـ تستخدم فلاتر البريد الالكترونى فى................
Email spam filters are used to...
أ. منع البريد من الارسال Prevents mail from being sent
ب. منع البريد الخطير من الوصول لصندوق الوارد prevent dangerous email from reaching inbox ☑
ج.لا شيء منهم None of them
د. كلهم All of them

٤ـ يعتمد الذكاء الاصطناعي على................
Artificial intelligence (AI) depends on ……
أ. الخوارزميات algorithms ☑
ب. اللغة العربية Arabic language
ج.لا شيء منهم None of them
د. كلهم All of them

٥ـ اتباع .... يساعد في التخفيف من مخاوف الناس استخدام الذكاء الاصطناعي
………. can help ease people's fears about using AI
أ. الاخلاقيات Following the ethics ☑
ب. اللغة العربية Arabic language
ج. اللغة اللاتينية Latin language
د. لا شيء منهم None of them

٦ـ لا يجب أن يستخدم الذكاء الاصطناعي فى................
Do not use AI tools to …………….
أ. انتهاك خصوصية الأشخاص invade people's privacy
ب. الغش cheat
ج. التسبب بالأذى cause harm
د. كلهم All of them ☑





٧- .... هو مراعاة خصوصية المستخدم وأمانه عند تصميم أدوات الذكاء الاصطناعي
……… is user privacy and security must be considered when designing AI tools.

أ. المسؤولية accountable
ب. التحفظ Protective ☑
ج. الإفادة beneficial
د. الشمولية inclusive

٨- .... أن تُستخدم أدوات الذكاء الاصطناعي لمساعدة المجتمع وليس للاستفادة منه
AI tools should be used to help society, not used to take advantage of it.

أ. المسؤولية accountable
ب. التحفظ Protective
ج. الإفادة beneficial ☑
د. الشمولية inclusive

٩- .... عبارة عن أسناد البيانات إلى الحقيقة وليس على الرأي أو على وجهات النظر الشخصية.
…….. Data should be based on fact, not opinion or personal views.

أ. المسؤولية accountable
ب. التحفظ Protective
ج. الإفادة beneficial
د. عدم التحيّز unbiased ☑

١٠- .... الاعتراف بالخطأ وشرح ما يتمّ فعله لإصلاحه
Admit the mistake and explain what is being done to fix it.

أ. المسؤولية accountable ☑
ب. التحفظ Protective
ج. الإفادة beneficial
د. عدم التحيّز unbiased

أسئله تفاعلية اون لاين على الدرس الثانى:

https://forms.gle/6xh4VKut1RMF87LTA

الدرس٣ التجارة الأكترونية

LESSON 3 E-commerce

- تشير التجارة الإلكترونية إلى عملية شراء السلع والخدمات وبيعها عبر الإنترنت

E-commerce is the buying and selling of goods and services on the internet.

- يوجد العديد من المتاجر عبر الإنترنت وقد يسبّب هذا الكمّ من الخيارات ارتباكًا للمستهلكين

There are many online shops. It can be a bit overwhelming for some consumers as there is so much choice.

- يستخدم المستهلكون ذوو الخبرة أدوات البحث التكنولوجي لمساعدتهم في اتّخاذ قرارات شراء المنتجات الأفضل لهم.

Experienced consumers use technological research tools to help them make the best purchasing decisions.

بعض أدوات البحث التكنولوجي التي يمكن استخدامها عند التسوّق عبر الإنترنت.

Some technological research tools that can be used when shopping online.

الاداة	استخدامها
محرّكات البحث SEARCH ENGINES	يمكن استخدام محرّكات البحث لإيجاد المعلومات عن أيّ موضوع،بما في ذلك المعلومات عن المنتجات والمواقع الإلكترونية Search engines can be used to find information about anything, including product and website information. والمحرّكات هي أدوات بحث تكنولوجية بغاية الأهمّية نظرًا لما تحتوي عليه من مقالات حول المنتجات وروابط إلى مواقع التسوّق المناسبة From articles about products, to links to relevant shopping sites, search engines are important technological research tools. محرّكات البحث تساعد المستهلكين على اتّخاذ قراراتهم. They can help consumers make their decisions. **فمثلًا**، إذا أراد مُستهلِك شراء ملابس مناسبة للبيئة التي يعيش فيها، فسيزوّده محرّك البحث بنتائج سريعة وبوصف موجز لكلّ قطعة ملابس، وما على المستهلك سوى النقر على هذه المعلومات واختيار إحدى القطع. For example, consumers want to shop for clothes that are suitable for the environment they live in. A search engine will provide quick results, as well as a short description for each result for the consumer to click on and ultimately choose.
مواقع المقارنة الألكترونية COMPARISON WEBSITES	يستخدم المستهلكون مواقع المقارنة الإلكترونية للمقارنة بين المنتجات من حيث السعر أو الجودة Consumers use comparison websites to help them compare products in terms of price or quality **فمثلًا**، إذا أراد مُستهلِك شراء كمبيوتر محمول جديد، يستخدام موقع مقارنة إلكتروني يعرض له مجموعة من أجهزة الكمبيوتر المحمولة، مع مقارنة لميزاتها المختلفة وأسعارها. For example, if a consumer wants to buy a new laptop, they could use a comparison website. This provides a range of laptops with a comparison of their features and price points.





الاداة	استخدامها
التقييمات عبر الأنترنت **ONLINE REVIEWS**	يمكن لتقييمات المستهلكين عبر الإنترنت، أو حتّى تقييمات الأصدقاء وأفراد من الأسُرة عبر مواقع التواصل الاجتماعي، أن تكون أيضًا قيّمة. Online reviews by consumers, or even friends or family members on social media, can also be valuable. تشارك معظم المواقع الإلكترونية تقييمات المستهلكين للمنتجات، ومع ذلك، لا بدّ أن يتوخّى المستهلكون الحذر، إذ بعض التقييمات مزيّفة أو مبالغ فيها Most websites share user reviews for products Consumers need to be careful though. Some reviews may be fake or exaggerated. وبالتالي، تبقى التوصيات الشفوية من الأسُرة والأصدقاء دائمًا وسيلة مساعِدة في تقييم عمليات الشراء المحتملة Information from family and friends is always a helpful way to evaluate potential purchases.

Stocks and bonds الأسهم والسندات

- البورصة سوق يمكن للأفراد من خلالها شراء الحصص وبيعها، والتي غالبًا ما يشار إليها بالأسهم .

A stock exchange is a market where people can buy and sell shares, called stocks

- تعرف أسهم الشركة بأجزاء متساوية تنقسم إليها ملكية الشركة .ويحصل الأفراد عند شرائهم هذه الأسهم على نسبة معيّنة من الملكية في شركة ما، فتستند أرباحهم أو خسائرهم المالية على نشاط وأداء هذه الشركة.

The shares of a company are equal parts into which the ownership of the company are divided into Stocks therefore give the individual a percentage of ownership in a company.

- ولهذه العملية العديد من المخاطر، فقد تخسر الشركات أموالها وأعمالها بسبب المنافسة أو التقييمات

The individual makes or loses money depending on the company’s performance and activity.

- كما يمكن للمنشورات السلبية (بما فيها الشائعات والأكاذيب) عبر الإنترنت أن تؤثّر على أعمال الشركة.

Negative online news stories (including rumors and lies) can also affect companies’ business .

- كما يمكن للشركات بيع السندات كوسيلة لجمع الأموال.

Companies can also sell bonds to help raise money.

- قد يختار الأفراد شراء الأسهم كوسيلة لدعم الشركات التي يثقون بها.

Individuals may choose to purchase stocks to support a company they trust.

- فمثلًا، قد يختار الأفراد الذين يريدون حماية البيئة الاستثمار في الشركات الخضراء التي تساعد في الحفاظ على البيئة

For example a person who wants to help the environment might want to invest in a green company that helps to preserve the environment.

- يمكن شراء الأسهم والسندات وإدارتها وبيعها بسهولة عبر المواقع الإلكترونية الموثوقة (الرسمية)

Stocks and bonds can be bought, managed, and sold through trusted and official websites.

- .يمكن للأشخاص التمتّع بسلطة أكثر في إدارة قراراتهم المالية.

This way people can have more control over their financial decisions.

أسئله على الدرس الثالث:

أولاً:أسئله الصواب والخطأ ضع علامة (√) أمام الجملة الصحيحة و (x) أمام الجملة الخطأ

السؤال	ج
١- تشير التجارة الإلكترونية إلى عملية شراء السلع والخدمات وبيعها عبر الإنترنت E-commerce is the buying and selling of goods and services on the internet.	√
٢- يوجد العديد من المتاجر عبر الإنترنت ولا يسبّب هذا ارتباكًا للمستهلكين There are many online shops and this does not cause confusion for consumers	x
٣- من أدوات البحث التكنولوجي التي يمكن استخدامها عند التسوّق عبر الإنترنت محرّكات البحث Technological research tools that can be used when shopping online is SEARCH ENGINES	√
٤- يمكن استخدام محرّكات البحث لإيجاد المعلومات عن أيّ موضوع Search engines can be used to find information about anything	√
٥- محرّكات البحث لا تساعد المستهلكين على اتّخاذ قراراتهم. They can not help consumers make their decisions.	x
٦- يستخدم المستهلكون مواقع المقارنة الإلكترونية للمقارنة بين المنتجات من حيث السعر أو الجودة Consumers use comparison websites to help them compare products in terms of price or quality.	√
٧- لا تشارك المواقع الإلكترونية تقييمات المستهلكين للمنتجات Websites do not share consumer reviews of products	x
٨- البورصة سوق يمكن للأفراد من خلالها شراء الحصص وبيعها . A stock exchange is a market where people can buy and sell shares	√
٩- تعرف أسهم الشركة بأجزاء غير متساوية تنقسم إليها ملكية الشركة The shares of a company are unequal parts into which the ownership of the company	x
١٠- قد تخسر الشركات أموالها وأعمالها بسبب المنافسة أو التقييمات Companies may lose money and business due to performance and activity.	√
١١- لا يمكن للشركات بيع السندات كوسيلة لجمع الأموال. Companies can not also sell bonds to help raise money.	x
١٢- يختار الأفراد شراء الأسهم كوسيلة لدعم الشركات التي يثقون بها. Individuals may choose to purchase stocks to support a company they trust.	√





ثانياً:أسئله الأختيارمن متعدد اختر الإجابة الصحيحة من أ، ب، ج، د.

١- تشير التجارة الإلكترونية إلى................عبرالانترنت
E-commerce is the ………… on the internet

أ. شراء السلع والخدمات buying of goods and services
ب. بيع السلع والخدمات selling of goods and services
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

٢- يستخدم المستهلكون ذوو الخبرة ....لمساعدتهم في اتّخاذ قرارات شراء المنتجات الأفضل لهم.
Experienced consumers use technological ………to help them make the best purchasing decisions.

أ. أدوات البحث التكنولوجي research tools ☑
ب. ادوات التصميم Design tools
ج. كلاً من أ و ب Both A and B
د. لا شيء منهم None of them

٣- من أدوات البحث التكنولوجي التي يمكن استخدامها عند التسوّق عبر الإنترنت............
Technological research tools that can be used when shopping online is……………

أ. محرّكات البحث SEARCH ENGINES
ب. مواقع المقارنة الألكترونية COMPARISON WEBSITES
ج. التقييمات عبر الأنترنت ONLINE REVIEWS
د. كلهم All of them ☑

٤- يمكن استخدام محرّكات البحث لإيجاد............
Search engines can be used to find

أ. المعلومات عن أيّ موضوع information about anything
ب. المعلومات عن المنتجات product information
ج. المعلومات عن المواقع website information
د. كلهم All of them ☑

٥- يستخدم المستهلكون مواقع المقارنة الإلكترونية للمقارنة بين المنتجات من حيث............
Consumers use comparison websites to help them compare products

أ. السعر price
ب. الجودة quality
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

٦- تشارك معظم المواقع الإلكترونية تقييمات المستهلكين للمنتجات ويمكن ان تكون التقييمات ....
Most websites share user reviews of products and ratings can be ...

أ. مزيّفة fake
ب. مبالغ فيها exaggerated
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them



٧- تعرف أسهم الشركة بأجزاء .... تنقسم إليها ملكية الشركة

The shares of a company are …..Parts into which the ownership of the company

أ. متساوية equal ☑
ب. غير متساوية unequal
ج. كلاً من أ و ب Both A and B
د. لا شيء منهم None of them

٨- يمكن شراء .... وإدارتها وبيعها بسهولة عبر المواقع الإلكترونية الموثوقة

…………. can be bought, managed, and sold through trusted and official websites.

أ. الأسهم Stocks
ب. السندات bonds
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

٩- يمكن للمنشورات السلبية بما فيها.......... عبر الإنترنت أن تؤثّر على أعمال الشركة.

Negative online news stories including ……… can also affect companies' business .

أ. الشائعات rumors
ب. الأكاذيب lies
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

أسئله تفاعلية اون لاين على الدرس الثالث:

https://forms.gle/Cpbjfrybs61VEXTc8

الدرس ٤ التواصل مع مقدّمي الخدمات التعليمية

COMMUNICATING WITH EDUCATIONAL SERVICE PROVIDERS

- يشمل مقدّمو الخدمات التعليمية ESP كلًّا من المنظّمات الربحية وغير الربحية التي تقدّم الدعم التعليمي .

Educational service providers (ESPs) include both profit and non-profit organizations that provide educational support

- يقدم مقدّمو الخدمات التعليمية مصادر للمعلومات يمكن للتلاميذ التعلّم منها، وقد يشملون المكتبات عبر الإنترنت ومواقع النشر التعليمية والمتاحف الافتراضية

ESPs provide sources of information which a student can potentially learn from. ESPs may include online libraries, educational publishing sites and online museums.

- مكتبة الإسكندرية وبنك المعرفة المصري هما مقدّما خدمات تعليمية مرموقان في هذا المجال.

Alexandria Library and Egyptian Knowledge Bank are two well-known ESPs.

- يمكنك التواصل مع مقدّمي الخدمات التعليمية متى احتجت إلى مساعدة في البحث أو أيّ احتياجات تعليمية أخرى

You can contact ESPs to help you with research or other educational needs.

- يمكنك إرسال طلب عبر البريد الإلكتروني، مع الحرص على أن تكون رسالتك رسمية بطبيعتها .

you can send an email request. It's important to be formal when writing to an ESP.

- في بعض الأحيان، قد تحصل على جواب تلقائي يشكرك على تواصلك معهم، وإعلامك بأنك ستتلقى ردًّا قريبًا.

Sometimes you may get an automatically generated reply thanking you for your email, and letting you know when you will receive a reply.

- يمكنك التواصل مع مقدّمي الخدمات التعليمية من خلال نوافذ الدردشة في حال كانت متوفّرة على مواقعهم الإلكترونية .ويمكنك في هذه النوافذ التحدّث بطابع أقلّ رسمية، إنّما باحترام وتهذيب ووضوح .

You can also communicate with some ESPs using chat windows, if they are included on their website. Here, you can be a bit less formal. However, you must still be polite and also be clear in your request.

- غالبًا ما توظّف نوافذ الدردشة روبوتات المحادثة للردّ على الطلبات، فلا تنسَ أنّ هذه الروبوتات ليست أفرادًا حقيقيين، إنّما برامج كمبيوتر تعمل بالذكاء الاصطناعي ومصمّمة للردّ على الأسئلة عبر الإنترنت

Chat windows usually have chatbots for responses. Remember, chatbots aren't real people. They are artificial intelligence (AI) computer programs designed to respond to questions online.

- عند استخدام نوافذ الدردشة، من الضروري التعبير عن طلبك بأقصى قدر من الوضوح والتركيز، وإلّا لن تحصل على استجابة دقيقة أو ذات صلة

When communicating using chat windows, it's essential to be as clear and focused in your request as possible. Otherwise, you may not get an accurate or relevant response.



شرح وبنك أسئلة
للصف السادس الابتدائي
لمادة الكمبيوتر وتكنولوجيا المعلومات ICT



أسئلة على الدرس الرابع:

أولاً:أسئلة الصواب والخطأ

ضع علامة (√) أمام الجملة الصحيحة و (x) أمام الجملة الخطأ

السؤال	ج
١- يشمل مقدّمو الخدمات التعليمية ESP المنظّمات الربحية وغير الربحية التي تقدّم الدعم التعليمي . Educational service providers (ESPs) include profit and non-profit organizations that provide educationals support	√
٢- لا يقدم مقدّمو الخدمات مصادر للمعلومات للطلاب ESPs provide sources of information for non-students	x
٣- تعد ESP مصادر معلومات يمكن للطالب أن يتعلم منها ESP are sources of information that a student can potentially learn from	√
٤- مكتبة الإسكندرية من مقدّمو الخدمات التعليمية. The Library of Alexandria is a provider of educational services	√
٥- لا يمكن التواصل مع مقدّمي الخدمات التعليمية It is not possible to contact educational service providers	x
٦- يمكن التواصل مع مقدّمي الخدمات التعليمية من خلال نوافذ الدردشة You can communicate with some ESPs using chat windows	√
٧- التواصل مع مقدمي الخدمات الإلكترونية موجودة على موقعهم الإلكتروني. communicate with some electronic service providers on their website.	√
٨- يمكن التواصل مع مقدّمي الخدمات التعليمية من خلال الأيميل فقط Educational service providers can be contacted via email only	x
٩- غالبًا ما توظّف نوافذ الدردشة روبوتات المحادثة للردّ على الطلبات Chat windows usually have chatbots for responses	√
١٠- روبوتات المحادثة عبارة عن أفرادًا حقيقيين Chatbots are real people	x
١١- عند استخدام نوافذ الدردشة، من الضروري التعبير عن طلبك بأقصى قدر من الوضوح والتركيز When communicating using chat windows, it's essential to be as clear and focused in your request as possible	√
١٢- يمكن اعتبار المكتبات الإلكترونية ومواقع النشر التعليمية والمتاحف الإلكترونية بمثابة واتساب Online libraries, educational publishing sites, and online museums can be considered as Wahtsap.	x
١٣- يمكنك أن تطلب مساعدة مقدّمي الخدمات التعليمية في البحث. You can ask ESP help with research.	√
١٤- يعد إرسال طلب عبر البريد الإلكتروني وسيلة للاتصال بمقدمي الخدمات الإلكترونية. Sending an email request is a way to contact ESP	√
١٥- ليس من الضروري أن تكون رسميًا عند الكتابة إلى مقدمي الخدمات الإلكترونية. It is not necessary to be formal when writing to an ESP.	x





ثانياً:أسئله الأختيارمن متعدد اختر الإجابة الصحيحة من أ، ب، ج، د.

١- يشمل مقدّمو الخدمات التعليمية ESP ....

Educational service providers (ESPs) include ……………..

أ. المنظّمات الربحية profit organizations
ب. المنظّمات غير الربحية non-profit organizations
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

٢- يقدم مقدّمو الخدمات التعليمية مصادر للمعلومات يمكن للتلاميذ التعلّم منها، منها ....

ESPs provide sources of information which a student can potentially learn from. ESPs may include ……………..

أ. المكتبات عبر الإنترنت online libraries
ب. مواقع النشر التعليمية educational publishing sites
ج. المتاحف الافتراضية online museums
د. كلهم All of them ☑

٣-................ مقدم خدمات تعليمية

-------------- is a provider of educational services

أ. مكتبة الإسكندرية Alexandria Library
ب. بنك المعرفة المصري Egyptian Knowledge Bank
ج. كلاً من أ و ب Both A and B ☑
د. الواتساب WhatsApp

٤- يمكنك التواصل مع مقدّمي الخدمات التعليمية متى احتجت إلى مساعدة في..................

You can contact ESPs to help you with ……….

أ. البحث research
ب. احتياجات تعليمية educational needs
ج. كلاً من أ و ب Both A and B ☑
د. التسلية entertainment

٥- يمكنك من خلال نوافذ الدردشة التحدّث..................

Through chat windows you can talk...

أ. بطابع أقلّ رسمية bit less formal
ب. احترام وتهذيب be polite
ج. وضوح be clear
د. كلهم All of them ☑

٦- .... هي إحدى برامج الكمبيوتر المصممة للرد على الأسئلة عبر الإنترنت.

……….are an Al computer programs designed to respond to questions online.

أ. فيسبوك Facebook
ب. روبوتات المحادثة Chatbots ☑
ج. واتساب WhatsApp
د. لا شيء منهم None of them



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٧- روبوتات المحادثة فى نوافذ الدردشة عبارة عن ....

Chatbots in chat windows are...

أ. برامج كمبيوتر تعمل بالذكاء الاصطناعي (AI) computer programs designed

ب. برامج للردّ على الأسئلة عبر الإنترنت Programs for answering questions online

ج. كلاً من أ و ب Both A and B ☑

د. لا شيء منهم None of them

٨- يمكنك التواصل مع بعض مقدمي الخدمات الإلكترونية باستخدام .... فهي موجودة على موقعهم الإلكتروني.

You can communicate with some ESPs using ……. they are included on their website.

أ. نوافذ الدردشة chat window ☑

ب. الفيسبوك Facebook

ج. المتاحف الافتراضية online museums

د. لا شيء منهم None of them

٩- عند استخدام نوافذ الدردشة، من الضروري التعبير عن طلبك بأقصى قدر من ....

When communicating using chat windows, it's essential to be …….

أ. الوضوح clear

ب. التركيز focused

ج. كلاً من أ و ب Both A and B ☑

د. الأكاذيب lies

١٠- يمكنك إرسال طلب عبر البريد الإلكتروني، مع الحرص على أن تكون رسالتك...........

you can send an email request. It's important to be …………

أ. غيررسمية unformal

ب. رسمية formal ☑

ج. مضحكة jokes

د. لا شيء منهم None of them

١١- يقدم مقدّمو الخدمات التعليمية ....يمكن للتلاميذ التعلّم منها

ESPs provide ……..which a student can potentially learn from

أ. مصادر للمعلومات sources of information ☑

ب. العاب games

ج. قصص stories

د. لا شيء منهم None of them

١٢- نوافذ الدردشة دائمًا ما تكون ....أكثر من رسائل البريد الإلكتروني.

Chat windows are always more …………..than emails .

أ. غير رسمية informal ☑

ب. رسمية formal

ج. مغلقة Closed

د. لا شيء منهم None of them

أسئله تفاعلية اون لاين على الدرس الرابع:

https://forms.gle/CTWGrrJYmnPC8S3g7

الدرس٥ : أدوات التواصل الحوسبية

Computational communication tools

- هناك أدوات في الحوسبة السحابية يمكنك استخدامها للتواصل في الوقت نفسه، حيث يتفاعل الجميع في الوقت ذاته
There are tools of cloud computing that you can use to communicate with everyone at the same time.
- وذلك باستخدام الأدوات الرقمية مثل محادثات الفيديو، والعروض التلفزيونية المباشرة، وغرف الدردشة الفورية .
This can be done by using digital tools such as video chats, live television shows, and instant chat rooms.
- يتيح لك التواصل في الوقت نفسه إلى إيصال رسالتك بطريقة تفاعلية أكثر، لا سيّما عند استخدام مؤتمرات الفيديو.
Real-time communication often allows you to get your message across in a more engaging way. This is especially true when communicating via a video conference.
- أشهر منصّتين لمؤتمرات الفيديو هما مايكروسوفت تيمز وجوجل ميت
Two popular video conferencing platforms are Microsoft Teams and Google MeetTM.
- على الرغم من الاختلافات الطفيفة في وظائف كلّ منصّة، فإنّ الأدوات الأساسية التي تقدّمها المنصتان متشابهة
While there may be some variety in terms of how each platform runs, the basic tools are similar in both of them.

كيفية استخدام برمجيات مؤتمرات الفيديو عبر منصّة جوجل ميت.

How to use video conferencing software, via the Google MeetTM platform.

لإنشاء اجتماع :إضغط على خيار " اجتماع جديد"،(New Meeting) ثمّ اضغط على الخيار الذي يناسبك - خيار بدء اجتماع على الفور أو إنشاء اجتماع لوقت لاحق.

To create a Meet: Click on New Meeting. Then click on the option that works for you – the option to start a meeting instantly, or to create a meeting for later.

بمجرّد إنشائك الاجتماع، انسخ رابط الاجتماع الذي يوفّره جوجل، وشارِكه مع المشاركين في الاجتماع.

Once you have created your meeting, copy the meeting link that Google provides. Share it with the meeting participants.

للانضمام إلى اجتماع :هناك طريقتان للانضمام إلى الاجتماع، يمكنك إمّا نسخ رابط الاجتماع ولصقه في متصفّحك، أو إدخال الرابط في حقل" إدخال رمز أو رابط "ثمّ النقر على الزرّ" انضمام."

To join a Meet: There are two ways you can join a meeting. You can copy and paste the invite link into your browser. You can also enter the link into the “Enter a code or link”field. Then, click Join.

بمجرّد انضمامك إلى الاجتماع، ستُطلب منك الموافقة على السماح باستخدام الميكروفون والكاميرا .

Once you’re in the Meet, you will be asked to approve the use of the microphone and camera.

أُنقر على رمز الميكروفون لتشغيل الصوت وعلى رمز الكاميرا لتشغيل الفيديو .ولإيقاف أيّ منهما، ما عليك سوى النقر على الرمز المعني مرّة أخرى.

Click on the microphone icon for audio, and the camera icon for video. To turn either off just click on the icon again.

قبل التواصل عبر مؤتمر فيديو :تذكَّرْ أن تتحقّق من اتّصالك بالإنترنت ومن البرمجية .أصلِح أيّ عطل.

Before communicating via a video conference: Remember to double check your connection and software. Fix any glitches.

أثناء مؤتمر الفيديو :تذكَّرْ أنّه بإمكان المشاركين رؤيتك إلّا إذا أوقفت تشغيل الكاميرا

During your video conference: Remember, unless you turn off your camera, participantswill be able to see you.

.لذلك، ارتدِ ملابس مناسِبة وحافِظ على إظهار سلوك راقٍ وابتسامة دائمة .تحقَّق من أنّ الميكروفون يعمل عند التحدّث واكتم الصوت عند عدم استخدامه .راجِع ملاحظاتك عند الحاجة، لكن احرص على النظر مباشرة إلى الكاميرا أثناء التحدث

Dress appropriately, and be sure to smile and appear friendly.Check your microphone is on when you're speaking, and mute it when you're not. Refer to your notes as necessary. Always look up and speak while looking at the camera.

بعد انتهاء مؤتمر الفيديو :أرسِل بريدًا إلكترونيًا للمتابعة بعد الاجتماع، يشمل ملخّصًا عن الاجتماع أو رابطًا يحيل إلى تسجيل الاجتماع، إذا كان قد سُجِّل.

After your video conference: Send an email to follow up after the meeting. Include a summary of the meeting in your email, or a link to the recording of the meeting, if it was recorded.

أسئلة على الدرس الخامس:

أولاً:أسئلة الصواب والخطأ

ضع علامة (√) أمام الجملة الصحيحة و (x) أمام الجملة الخطأ

ج	السؤال
√	١- أدوات الحوسبة السحابية يمكن استخدامها للتواصل في الوقت نفسه Cloud computing tools can be used to communicate at the same time.
x	٢- أدوات الحوسبة السحابية لايمكن استخدامها للتواصل في الوقت نفسه Cloud computing tools cannot be used to communicate at the same time
√	٣- الأدوات الرقمية مثل محادثات الفيديو، والعروض التلفزيونية المباشرة، وغرف الدردشة الفورية . using digital tools such as video chats, live television shows, and instant chat rooms
√	٤- يتيح التواصل في الوقت نفسه إلى إيصال الرساله بطريقة تفاعلية أكثر Real-time communication often allows to get your message across in a more engaging way
x	٥- يتيح التواصل في الوقت نفسه إلى إيصال الرساله بطريقة غير تفاعلية Real-time communication often allows to get your message across in non-engaging way
√	٦- أشهر منصّتين لمؤتمرات الفيديو هما مايكروسوفت تيمز وجوجل ميت Two popular video conferencing platforms are Microsoft Teams and Google MeetTM.





٧- الأدوات الأساسية التي تقدّمها مايكروسوفت تيمز وجوجل ميت متشابهة The basic tools offered by Microsoft Teams and Google Meet are similar	✓
٨- لإنشاء اجتماع فى جوجل ميت نضغط على خيار "اجتماع جديد"،(New Meeting) To create a meeting in Google Meet, click on the "New Meeting" option.	✓
٩- رابط الاجتماع الذي يوفّره جوجل لا يتم مشاركته مع المشاركين في الاجتماع. The meeting link provided by Google is not shared with meeting participants.	✗
١٠- ستُطلب منك الموافقة على السماح باستخدام الميكروفون والكاميرا بمجرّد انضمامك إلى الاجتماع You will be asked to approve the use of the microphone and camera Once you're in the Meet.	✓
١١- لايتم مطالبتك بالموافقة على السماح باستخدام الميكروفون والكاميرا عند انضمامك إلى الاجتماع You are not asked to agree to allow use of your microphone and camera when you join the meeting	✗
١٢- قبل التواصل عبر مؤتمر فيديو يجب أن تتحقّق من اتّصالك بالإنترنت ومن البرمجية Before communicating via video conference, you must check your Internet connection and the software	✓
١٣- بعد انتهاء مؤتمر الفيديو يتم أرسِال بريدً إلكتروني للمتابعة بعد الاجتماع After the video conference ends, a follow-up email is sent after the meeting	✓
١٤- لايمكن التسجيل فى مؤتمر الفيديو It is not possible to record in the video conference	✗
١٥- اُنقر على رمز الميكروفون لتشغيل الصوت Click on the microphone icon for audio	✓

ثانياً:أسئلة الأختيارمن متعدد

اختر الإجابة الصحيحة من أ، ب، ج، د.

١- يتيح لك التواصل ....إلى إيصال رسالتك بطريقة تفاعلية أكثر
……..communication often allows you to get your message across in a more engaging way.

أ. الغيرجيد Not good
ب. فى أوقات مختلفة in different times
ج. في الوقت نفسه Real-time ✓
د. لا شيء منهم None of them

٢- الأدوات الرقمية للحوسبة السحابية مثل................
Digital tools for cloud computing such as...

أ. محادثات الفيديو digital tools
ب. العروض التلفزيونية المباشرة live television shows
ج. غرف الدردشة الفورية instant chat rooms .
د. كلهم All of them ✓





٣- أشهر منصّتين لمؤتمرات الفيديو هما ....

Two popular video conferencing platforms are ………….

أ. مايكروسوفت تيمز Microsoft Teams
ب. جوجل ميت Google MeetTM
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

٤- الأدوات الأساسية التي تقدّمها المنصتان مايكروسوفت تيمز و جوجل ميت ....

The basic tools are ……………in both Microsoft Teams and Google MeetTM.

أ. متشابهه similar ☑
ب. غير متشابهه Not similar
ج. مختلفة Different
د. لا شيء منهم None of them

٥- لإنشاء اجتماع فى جوجل ميت نضغط على خيار ....

To create a meeting in Google Meet, click on the "………" option

أ. اجتماع جديد New Meeting ☑
ب. ملف جديد New File
ج. إعدادات جديدة New settings
د. لا شيء منهم None of them

٦- رابط الاجتماع الذي يوفّره جوجل .... مع المشاركين في الاجتماع

The meeting link provided by Google is ……….. meeting participants

أ. يتم مشاركته shared ☑
ب. لا يتم مشاركته not shared
ج. لا يرسل Not sent
د. لا شيء منهم None of them

٧- ستُطلب منك الموافقة على السماح باستخدام .... بمجرّد انضمامك إلى الاجتماع

You will be asked to approve the use of the ……… once you're in the Meet.

أ. الميكروفون microphone
ب. الكاميرا camera
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

٨- قبل التواصل عبر مؤتمر فيديو يجب أن تتحقّق من............

Before communicating via video conference, you must check you're ……..

أ. اتّصالك بالإنترنت Internet connection
ب. البرمجية software
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

٩- بإمكان المشاركين رؤيتك لذلك............

Participants can see you so...

أ. ارتدِ ملابس مناسِبة Dress appropriately
ب. إظهار سلوك راقٍ appear friendly
ج. كلاً من أ و ب Both A and B ☑
د. اظهار حزن Show sadness

١٠- هناك............ طرق يمكن من خلالها الانضمام للاجتماع

There is .... a way through which one can join the meeting

أ. اثنان two ☑
ب. واحد one
ج. ثلاثة three
د. لا شيء منهم None of them

١١- أنقر على رمز الميكروفون لتشغيل............

Participants can see you so...

أ. الصوت audio
ب. الفيديو vedio
ج. كلاً من أ و ب Both A and B ☑
د. لا شيء منهم None of them

١٢-............ ليست منصات مؤتمرات الفيديو

…….. is not a video conferencing platforms

أ. مايكروسوفت تيمز Microsoft Teams
ب. جوجل ميت Google MeetTM
ج. زووم zoom
د. غرف الدردشة الفورية instant chat rooms ☑

أسئله تفاعلية اون لاين على الدرس الخامس:

https://forms.gle/c6etHKS3kFQC3VDu5





الدرس ٦ : البرمجة والمشكلات الرقمية وكيفية حلّها

Programming and digital problems and how to solve them

لغات البرمجة

تُعرف لغات البرمجة بأنّها أوامر تُعطى على هيئة جمل لكتابة برامج الكمبيوتر. فمثلًا، لغة ترميز النصّ المتشعّب (HTML) هي لغة تُستخدم لإنشاء صفحات الويب

Programming languages are commands that are provided in sentences for writing computer programs. HyperText Markup Language (HTML) is a language commonly used to create web pages.

محتوى الويب الثابت هو المحتوى الذي يوضع ويظلّ على حاله لكلّ مُستخدِم يزور موقع الويب. Static web content is set and remains the same to every user who visits the website.	**محتوى الويب الديناميكي** هو المحتوى الذي يمكن تغييره بناء على تفاعلات المُستخدِم مع التطبيق أو موقع الويب Dynamic web content is content that can be changed based on the individual user's interactions with the app or website

لإنشاء صفحة ويب ثابتة يتمّ استخدام لغة الترميز HTML ولإنشاء صفحة ويب ديناميكية يتمّ، استخدام لغة البرمجة جافا اسكربتJavaScript.

HTML is used to create static web content، while a programming language like JavaScript allows the creation of dynamic web content.

المشكلة	الحلول المحتملة
ملفّ تالف **Corrupted file**	• تأكّدْ من أنّ الملفّ حُمِّل على نحو صحيح. وإذا لم تكن متأكّدًا، فاحذِف الملفّ التالف وأعِد تحميله. Check that the file downloaded correctly. If you're not sure, delete the corrupted file and download it again. • حاولِ فتح الملفّ باستخدام برنامج آخر. Try opening the file using another program • تأكّدْ من أنّ البرنامج الذي تستخدمه مُحدَّث. وإذا لم يكن كذلك، فأجرِ التحديثات اللازمة. Make sure your software version is up-to-date. If it isn't, run the necessary updates.
جهاز لا يُشحَن **Device won't charge**	• تأكّدْ من أنّ كابل الشاحن يعمل. وإذا لم يكن الأمر كذلك، فاستبدِله بكابل جديد. Make sure your charging cable is functioning. If it isn't, replace it with a new cable. • تأكّدْ من غياب المشكلات في الكهرباء أو المقبس في المنزل. Be sure there are no issues with your electricity or socket at home. • تحقّقْ من غياب الأتربة والماء في منفذ الشحن. وفي حال عثرت على الماء، فسارِع إلى تنظيف منفذ الشحن أو إزالة الماء وفقًا لتعليمات مورّد الجهاز (يمكنك الاستعانة بمعلمك) Check for dust and water in the charging port. Clean the port or remove the water by following the instructions from your device's provider (you can ask your teacher for help).

المشكلة	الحلول المحتملة
نسيان كلمة المرور **Forgotten password**	• أنقر على الرابط الذي يؤكّد أنّك نسيت كلمة المرور. اِتّبع الخطوات لإنشاء كلمة مرور جديدة. Click on the link that confirms you forgot your password. Follow the steps to create a new password. • في المستقبل، استخدِم تطبيقًا يسمح بإدارة كلمات المرور. وأعِدّ كلمات مرور قويّة وفريدة لكلّ حساب وتذكَّرْ كلمة المرور الرئيسة لهذا التطبيق. In the future, use a password manager application. Set up strong unique passwords for each account and remember the master password for the password manager.
حذف الملفّ عن طريق الخطأ **Accidental file deletion**	• شغّل "سلّة المحذوفات" على جهاز الكمبيوتر لتخزين الملفّات المحذوفة مؤقّتًا. Make sure you can see the "Recycle Bin" or "Trash" feature on your computer, which temporarily stores deleted files. • أجرِ نسخًا احتياطيّةً للملفّات المهمّة بانتظام على محرّك أقراص ثابتة خارجي أو خدمة تخزين سحابية Regularly back up important files to an external hard drive, or cloud storage service.
ظهور رسالة "خطأ" عند محاولة حفظ الملفّ **Error message when trying to save a file**	•تأكّدْ من أنّك لا تستخدم اسم ملفّ آخر. Make sure you're not using the name of another file. •تأكّدْ من امتلاكك صلاحية للوصول إلى موقع تخزين الملفّات، مثل محرّك الأقراص الثابتة المحلّي أو التخزين السحابي. Check that you have the right to access the file storagelocation, such as a local hard drive or cloud storage. •تحقَّقْ ممّا إذا كانت كلمة مرورك تحتوي" رموزًا مميّزة "قد تمنع حفظ الملفّ. Check to see if your password includes "special characters", which can prevent the file from saving properly.

أسئلة على الدرس السادس:

أولاً:أسئلة الصواب والخطأ ضع علامة (√) أمام الجملة الصحيحة و (x) أمام الجملة الخطأ

السؤال	ج
١-لغات البرمجة هى أوامر تُعطى على هيئة جمل لكتابة برامج الكمبيوتر Programming languages are commands that are provided in sentences for writing computer programs	√
٢- لغة ترميز النصّ المتشعّب (HTML) هي لغة تُستخدم لإنشاء ملفات الوورد Hypertext Markup Language (HTML) is a language used to create Word files	x
٣- محتوى الويب الثابت هو المحتوى الذي يوضع ويظلّ على حاله لكلّ مُستخدِم يزور موقع الويب. Static web content is set and remains the same to every user who visits the website	√
٤- محتوى الويب الديناميكي هو المحتوى الذي يوضع ويظلّ على حاله لكلّ مُستخدِم يزور موقع الويب. Dynamic web content is set and remains the same to every user who visits the website	x

✓	٥- محتوى الويب الديناميكي هو المحتوى الذي يمكن تغييره بناء على تفاعلات المُستخدِم مع موقع الويب Dynamic web content is content that can be changed based on the individual user's interactions with the website
✗	٦- محتوى الويب الثابت هو المحتوى الذي يمكن تغييره بناء على تفاعلات المُستخدِم مع موقع الويب Static web content is content that can be changed based on the individual user's interactions with the website
✓	٧- لإنشاء صفحة ويب ثابتة يتمّ استخدام لغة الترميز HTML HTML is used to create static web content
✗	٨- لإنشاء صفحة ويب ثابتة يتمّ، استخدام لغة البرمجة جافا اسكريبتJavaScript. To create a static web page, the JavaScript programming language is used.
✓	٩- لإنشاء صفحة ويب ديناميكية يتمّ، استخدام لغة البرمجة جافا اسكريبتJavaScript. To create a dynamic web page, the JavaScript programming language is used
✓	١٠- تتيح JavaScript إمكانية تطوير محتوى الويب الديناميكي JavaScript makes it possible to develop dynamic web content
✓	١١- تحاول فتح الملف ببرنامج مختلف. هذا هو الحل في حالة الملف التالف Try opening the file with a different program. This is a solution in case corrupted file
✗	١٢- روبوت الدردشة تستخدم لمنع مشكلة نسيان كلمات المرور. Chatbot is used to prevent the problem of forgetting passwords.
✓	١٣- يمكنك منع الحذف العرضي للملفات من خلال ملفات النسخ الاحتياطي Back up files is used to prevent the problem of forgetting passwords.
✓	١٤- ظهور رسالة "خطأ" عند محاولة حفظ الملفّ تأكّد من أنّك لا تستخدم اسم ملفّ آخر Error message when trying to save a file Make sure you're not using the name of another file.
✗	١٥- حذف الملفّ عن طريق الخطأ استخدِم تطبيقًا يسمح بإدارة كلمات المرور Accidental file deletion use a password manager application
✓	١٦- جهاز لا يُشحَن تحقّقْ من غياب الأتربة والماء في منفذ الشحن Device won't charge Check for dust and water in the charging port

ثانياً:أسئلة الأختيارمن متعدد

اختر الإجابة الصحيحة من أ، ب، ج، د.

١- لغات البرمجة هى أوامر تُعطى على هيئة جمل لكتابة...................
Programming languages are commands that are provided in sentences for writing……

أ. بيانات الملفات File data
ب. بيانات العملاء Customer data
ج. برامج الكمبيوتر computer programs ✓
د. لا شيء منهم None of them



٢- لغة ترميز النصّ المتشعّب .... هي لغة تُستخدم لإنشاء صفحات الويب

HyperText Markup Language......... is a language commonly used to create web pages

أ. HTML ☑
ب. HDML
ج. HTNL
د. لا شيء منهم None of them

٣- محتوى ....هو المحتوى الذي يوضع ويظلّ على حاله لكلّ مُستخدِم يزور موقع الويب.

......content is set and remains the same to every user who visits the website

أ. الويب الثابت Static web ☑
ب. الويب الديناميكي Dynamic web
ج. كلاً من أ و ب Both A and B
د. لا شيء منهم None of them

٤- محتوى .... هو المحتوى الذي يمكن تغييره بناء على تفاعلات المُستخدِم مع التطبيق أو موقع الويب

Content ....is content that can be changed based on the individual user's interactions with the app or website

أ. الويب الثابت Static web
ب. الويب الديناميكي Dynamic web ☑
ج. كلاً من أ و ب Both A and B
د. لا شيء منهم None of them

٥- ولإنشاء صفحة ويب ديناميكية يتمّ، استخدام لغة البرمجة.........

.......allows the creation of dynamic web content.

أ. الويب الثابت Static web
ب. الويب الديناميكي Dynamic web
ج. جافا سكربت JavaScript ☑
د. لا شيء منهم None of them

٦- لإنشاء صفحة ويب ثابتة يتمّ استخدام لغة.........

.......allows the creation of dynamic web content.

أ. لغة الترميز HTML ☑
ب. جافا سكربت JavaScript
ج. كلاً من أ و ب Both A and B
د. لا شيء منهم None of them

٧- تتيح JavaScript إمكانية تطوير محتوى............

JavaScript enables the development of...... content.

أ. ويب ديناميكي dynamic web ☑
ب. فيديو videos
ج. غرف الدردشة chat rooms
د. لا شيء منهم None of them





٨- تحاول فتح الملف ببرنامج مختلف. هذا هو الحل في حالة.............

Try opening the file with a different program. This is a solution in case ……….

أ. كلمة سر منسية forgotten password

ب. حذف الملف عن طريق الخطأ accidental file deletion

ج. ملف تالف corrupted file ☑

د. لا شيء منهم None of them

٩- .... يستخدم لمنع مشكلة نسيان كلمات المرور.

.........is used to prevent the problem of forgetting passwords.

أ. مدير كلمة السر Password manager ☑

ب. سلة المهملات Recycle bin

ج. روبوت الدردشة Chatbot

د. لا شيء منهم None of them

١٠- يمكنك منع الحذف العرضي للملفات من خلال.............

.........is used to prevent the problem of forgetting passwords.

أ. تغيير أسماء الملفات change the file names

ب. ملفات النسخ الاحتياطي back up files ☑

ج. إزالة الملفات remove files

د. لا شيء منهم None of them

١١- حذف الملفّ عن طريق الخطأ.............

Accidental file deletion………..

أ. شغّل "سلّة المحذوفات" Turn on the Recycle Bin

ب. أجرِ نسخًا احتياطيّةً للملفّات المهمّة Regularly back up important files

ج. كلاً من أ و ب Both A and B ☑

د. لا شيء منهم None of them

١٢- مشكله ملفّ تالف............

Corrupted file problem ………..

أ. تأكد من تحميل الملف Make sure the file is uploaded

ب. حاوِل فتح الملفّ باستخدام برنامج آخر. Try opening the file using another program.

ج. تأكَّد من أنّ البرنامج الذي تستخدمه مُحدَّث Make sure your software version is up-to-date

د. كلهم All of them ☑

أسئله تفاعلية اون لاين على الدرس السادس:

https://forms.gle/MU5HScWkoHwQMPgy6

Lesson 1 : Exercises

1- Put (√) or (x)

1- Technological tools can be used in designing educational computer games . ( )

2- The AI job market in Egypt has ben growing ( )

3- Ms. Mogos is an archaeologist at National Geographic Society. ( )

4- - Ms. Mogos uses technology to design games. ( )

5- - Ms. Mogos focused on designing games to educate children about the ethical implications of technology. ( )

6- Scratch is a fee-based programming website for children ( )

7- AI voicebot can respond to a person asking for advice ( )

8- Teachers can't create groups on WhatsApp to share student projects. ( )

9- Miss Aryam created a game called "I Love Algorithms." ( )

10- HTML language is used in designing interactive games. ( )

11- An algorithm is a set of steps to solve a specific problem ( )

12- Egypt does not prioritize artificial intelligence or include it among its priorities. ( )

13- Amazon designed Alexa to converse in a human-like manner. ( )

14- In 2021, Egypt launched an artificial intelligence platform. ( )

15- Teachers cannot share student projects through the WhatsApp application. ( )

16- The virtual assistant tool cannot answer your questions. ( )

2- Choose the correct answer :

1- Amazon designed .... as a voice-controlled virtual assistant to converse in a human-like manner.

A- Alexa B- Siri C- All of the previous

2- .... is a free programming website for children.

A- Excel **B- Scratch** **C- Word**

3- .... is the computer's ability to think and learn.

A- Artificial Intelligence **B- Algorithm** **C- None of the above**

4- Ms. Mogos is working on a game that illustrates the effects of machine learning algorithms.

A- I love algorithms **B- Scratch** **C- Alexa**

5- .... is a digital system of recording data on several computers simultaneously so that the data cannot be hacked.

A- Blockchain **B- Siri** **C- Alexa**

6- One of Ms. Mogos activities focuses on how an AI .... Responds to a person asking for advise .

A- voicebot **B- video calls** **C- algorithm**

3- Complete the missing parts using the wordsbetween the brackets :

(Scratch - Educational Technology - AI voicebot - Siri - Algorithm)

1- - Ms. Mogos is currently working as a researcher specializing in................

2- Through ...., interactive games can be created.

3- .... is considered one of the examples of voice controlled virtual assistant.

4- .... can respond to a person asking for advice.

5- .... is a step-by-step procedure to solve a problem or perform a tasks.

Lesson 2 : Exercises

1- Put (√) or (x)

1- Artificial intelligence does not rely on human characteristics in problem-solving.( )

2- Users of AI don't need to be ethical .( )

3- Email spam filters are used to prevent dangerous messages from reaching the inbox( ).

4- Chatbots are examples of artificial intelligence. ( )

5- Algorithms must be followed to solve any problem facing the user. ( )

6- AI tools should be inclusive to all users. ( )

7- It is always preferable to rely on opinions . ( )

8- One of the advantages of using artificial intelligence is assisting the community. ( )

9- Language processing tools never create misinformation( )

10- When using AI tools, privacy and security must be taken into consideration . ( )

11- It is possible to unlock phones through facial recognition using artificial intelligence

12- One of the ethics of artificial intelligence is to rely on opinions rather than facts. ( )

13- Navigation apps with AI tools can direct you to your destination ( )

2- Complete the missing parts using the words between the brackets :

(Artificial Intelligence - Email spam Filters - Smart Home Devices - Algorithms – Digital voice assistants)

1- …………………….. are used to prevent dangerous spam emails from reaching the inbox.

2- ……………………… are used to assist in solving problems faced by users.

3- …………………………… is technology that is able to use human traits of problem-solving

4- …………………………… are considered examples of artificial intelligence tools.

5- …………………………. are from AI uses .

3- Choose the correct answer :

1- ………………. Are from the common AI tools .

A- Face recognition

B- Navigation applications

C- All of the above

2- Social media sites use …………… to suggest connections between users:

A- Artificial intelligence

B- Algorithms

C- Search engines

3-AI tools should be used to …………… Society, not to take advantage of it .

A- damage

B- harm

C- help

4- Artificial intelligence depends on …………… to learn problem-solving .

A- Algorithms

B- Printers

C- Virtual reality

5- Data used in AI should be based on ………………….

A-opinions

B- facts

C- personal views

6- One of the risks of artificial intelligence is that it can be used for ……………

A- Intellectual property theft

B- Identity theft

C- All of the above

Lesson 3 : Exercises

1- Put (✓) or (x)

1- E-commerce is used for buying and selling products online.

2- Online purchasing and selling of goods is known as e- commerce.

3- There are many online stores on the internet.

4- Consumers use search tools to assist them in making purchasing decisions.

5- A search engine is not considered a technological search tool.

6- Online reviews by family and friends are useful in evaluating products.

7- Search engines are used to find information about any product.

8- Comparison websites that compare products can't help consumers.

9- Online consumer reviews may not be valuable to others.

10- Companies may sell bonds to raise money

11- People could decide to invest in stocks in order to support the company they believe in

12- Artificial intelligence is a market where individuals can buy or sell shares.

13- Shares don't involve any risk.

14- It is preferable to buy stocks and bonds through reliable electronic websites.

15- Green companies are examples of companies that help preserve the environment.

2- Complete the missing parts using the words between the brackets :

(reliable website - Stock Exchange - Stocks - Green Companies - E-commerce - Search Engines website - Unreliable - Comparison Website)

1- Consumers use .... to compare products based on price and quality.

2- Shares in the stock exchange are often referred to as ....

3- ....can be used to find information on any topic.

4- .... is the process of buying and selling online.

5.................................is a market where people can buy and selling.

6- .... are examples of companies that help in preserving the environment.

7- It is preferable to buy stocks and bonds through ....

3- Choose the correct answer :

1- Reviews sometimes seem ....

A- fake **B- exaggerated** **C- all of them**

2- ....‥ websites should be used when buying stocks or bonds.

A- Secure **B- Reliable** **C- All of the above**

3- ....are considered technological research tools.

A- Search Engines **B- Stocks** **C- Stock Exchange**

4- ....‥ is The process of buying and selling products online.

A- Commerce **B- E-commerce** **C- Comparison Websites**

5- Information from family and friends is always a ....‥ way to evaluate products.

A- fake **B- untrusted** **C- helpful**

Lesson 4 : Exercises

1- Put (√) or (x)

1-Students cant learn online from ESPs (   ).

2- ESPs include two types of organizations that provide educational support: for-profit and non-profit organizations (   ).

3- Email is the only way to contact ESPs ( ).

4- You can ask ESPs help with research(   ).

5- Online libraries are examples of educational service providers (   ).

6- It is possible to virtually visit a museum thousands of miles away (   ).

7- Many books can be accessed through online digital libraries (   ).

8- Chat windows usually have chatbots for responses. (   )

9- ADL and EKB are two well-known ESPs (   )

10- When communicating with ESPs, it's necessary to be clear and focused (   )

11- It is not necessary to be formal when writing to an ESPs (   )

12- Chatbots are real people responding to questions online (   )

13- Online museum can be considered as ESPs (   )

2- Complete the missing parts using the words between the brackets :

(EKB - Email - Chatbots - Chat Windows - Educational Service Providers-ADL)

1- ________ include profit and non-profit organizations.

2- ________ are computer programs that rely on artificial intelligence in their operation.

3- ________ is used to send a message in a more formal manner.

4- ________ is used to send a message in a less formal manner.

5- ________, ________ they are examples of educational service providers.

3- Choose the correct answer :

1- The Egyptian Knowledge Bank and the Library of Alexandria are considered ________ organizations that provide services.

a- well-known **b- Non-profitable** **c- a and b**

2- You can communicate with ESPs ……………………..

a- formally **b- less formally** **c- All of them**

3- You can communicate with educational service providers in a less formal manner through

a- Chat windows **b- Email** **c- None of the above**

4- Sometimes you may get an automatically generated reply thanking you for your email through……………………………..

a- chat room

b- chatbots

c- email

5- ……………………………. Are examples of ESPs

a- ADL **b- EKB** **c- google**

6- you can contact ESPs using ……………………..

a- Chat windows **b- Email** **c- a and b**

7- To be ………………… is advice given for communicating using chat windows.

a- funny **b- clear** **c- angry**

Lesson 5 : Exercises

1- Put (√) or (x)

1- Video conference is one of the tools of cloud computing. (   )

2- Real-time communication often allows you to get your message across in a more engaging way (   )

3- Before conducting any meeting, make sure to check the internet connection(   ).

4- Instant messaging rooms allow you to communicate simultaneously. (   )

5- Microsoft Teams and Google Meet are the most famous video conferencing platforms( )

6- A feature used to create a new meeting on the Google platform is New Meeting. (   )

7- You can join a meeting by entering the invite link (   )

8- You cannot control the camera's operation or stop it during the video conference meeting. (   )

9- It is difficult to control and operate the microphone during your meeting. (   )

10- It is preferable to send an email for follow-up after the video conference meeting. (   )

11- When conducting a meeting, ensure that the microphone is working when speaking and mute it when not in use. (   )

12- There is only one way to join the meeting. (   )

13- The basic tools in Microsoft Teams and Google Meet are different (   )

2- Complete the missing parts using the words between the brackets :

(message - Google Meet - Joining - New Meeting - Microsoft Teams)

1- Real-time communication often allows you to get your ……………. across in a more engaging way.

2- To join a new meeting, we click on the ________ field.

3- ________ , ________ are two popular video conferencing platforms

4- To create a new meeting, we click on _______.

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أ / حسن المليجى

3- Choose the correct answer :

1- You should click on .... icon to turn off audio in Google Meet.

a- microphone **b- Google Meet** **c- camera**

2-Google Meet is a / an ....

a- search engine **b- email service** **c- video conference app**

3- To create a meeting in Google Meet, click on

a- Join **b- New meeting** **c- Send**

4- To join a meeting, copy and paste the invite link , then click

a- Join **b- New meeting** **c- Send**

5- After creating your meeting, copy a .... On your browser.

a- link **b- New meeting** **c- page**

6- The basic tools in Microsoft Teams and Google Meet are ....

a- different **b- similar** **c- a and b**

Lesson 6 : Exercises

1- Put (✓) or (x)

1- Programming languages are commands that are provided in sentences for writing computer programs. (   )

2- HTML is used to create video games and animations. (   )

3- HTML is used for creating static web pages . (   )

4- JavaScript is used to create static web pages. (   )

5- JavaScript is used to create dynamic web pages. (   )

6- Corrupted files can be fixed by simply re-downloading them (   )

7- Dynamic web content is content that can be changed based on the individual user's interactions with the app or website. (   )

8- Replacing the mouse cable is a solution if the device won't charge (   )

9- To solve the problem of a corrupt file, to ensure that the software used has been updated. (   )

10- Dust in the charging port can prevent from charging (   )

11- Simple passwords should be set up for access. (   )

12- The static online content doesn't change (   )

13- using a password manager can help in managing passwords (   )

2- Complete the missing parts using the words between the brackets :

(Static Web Content- Programming languages – Dynamic Web Content - Java script - HTML)

1- ______ is the content that can be changed based on user interactions

2- _______ is used to create static web pages

3- _______ is set and remains the same to every user who visits the website.

4- _______ language is used to create interactive web pages

5- _______ are commands given in the form of statements to write computer programs

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Theme3: Lesson 2 Questions

First: Put the word (True) or (False) :-

1- Ai can't use reasoning and decision-making to perform tasks. ( )
2- Ai use algorithms to reasoning, and make decisions. ( )
3- Navigation apps of artificial intelligence tools. ( )
4- Unlocking the device with facial recognition is not artificial intelligence tool. ( )
5- Social media sites that make connection suggestions to users are artificial intelligence tools. ( )
6- Language processing tools, that can provide information. ( )
7- Ai tools should be avoid all users. ( )
8- Ai tools should be inclusive to all users. ( )
9- Be willing to explain how the AI tools work. ( )
10- User privacy must be ignored when designing AI tools. ( )
11- All people trust artificial intelligence and do not mind using it. ( )
12- Some people worry that they can't trust AI. ( )
13- It is up to users of AI To be ethical. ( )
14- You can use AI tools to invade people's privacy. ( )
15- Language processing tools can be invaluable resources of information. ( )

Second: Choose the correct answer from the brackets:

1- It is technology that is able to use human traits of problem solving,

a- Artificial Intelligence b- Virtual Reality c- The Cloud

2- Ai depends on algorithms to teach it

a- Programs b- Augmented reality c- Algorithms

3- Digital voice assistants are tools ……………… .

a- Cloud b- Artificial intelligence c- Virtual reality

4- Email spam filters that ……………dangerous email from reaching your inbox.

a- allow b- prevent c- enable

5- Data should be based on fact, not opinion .

a- Be inclusive b- Be unbiased c- Be beneficial

6- Companies that designer artificial intelligence tools must follow...

a- code of ethics b- Misleading c- Lying

7- Be willing to explain how the AI tools work.

a- Be transparent b- Be protective c- Be accountable

Theme3: Lesson 3 Questions

First: Put the word (True) or (False) :-

1- Stock exchange is buying and selling goods and services on the Internet. ( )

2- E-commerce is the buying and selling of goods and services on the internet. ( )

3- It is difficult to find online shops. ( )

4- Experienced consumers use technological research tools to help them make electronic purchases. ( )

5- Technological research tools can be used when shopping online. ( )

6- Search engines are important technological research tools. ( )

7- Consumers use it to help them compare price products only. ( )

8- Online consumer reviews are of no value. ( )

9- Websites hide consumer reviews of products. ( )

10- Stocks therefore give the individual a percentage of ownership in a company. ( )

11- There are no risks from working in the stock market field. ( )

12- Negative online news stories can affect companies Stock business. ( )

13- It is impossible to buy and manage stocks through websites. ( )

Second: Choose the correct answer from the brackets:

1- It is the buying and selling of goods and services on the internet.

a- Search engines b- Stock exchange c- E-commerce

2- It can be used to find information about anything.

a- Search engines b- Stock exchange c- E-commerce

3- provide articles about products and links to relevant shopping sites,

a- Search engines b- Stock exchange c- E-commerce

4- It is a market where people can buy and sell shares, called stocks

a- Search engines b- Stock exchange c- E-commerce

5- They are equal parts into which the ownership of the company is divided into

a- Cloud b- Applications c- Company shares

6- Stocks and bonds can be bought, managed, and sold through ……websites

a- Harmful b- trusted c- untrusted

Theme3: Lesson 4 Questions

First: Put the word (True) or (False) :-

1- Educational service providers (ESPs) include non-profit organizations only. ( )

2- Educational service providers (ESPs) include online libraries and online museums. ( )

3- ESPs include profit and non-profit organizations. ( )

4- Alexandria Library and Egyptian Knowledge Bank are two well-known ESPs. ( )

5- You can't contact ESPs. ( )

6- If you need to communicate with educational service providers, you can send a request via email. ( )

7- It's important to be informal when writing to an ESP. ( )

8- Your email may contain the reason for writing it. ( )

9- You may get an automatic response thanking you for communicating with educational service providers. ( )

10- You can communicate with ESP using chat windows only. ( )

Second: Choose the correct answer from the brackets:

1- Educational service providers (ESP) include organizations ....

a- Profitable b- Non-profitable c- Profitable and non-profitable

2- they are one well-known educational services providers.

a- Alexandria Library b- Egyptian Knowledge Bank c- Both

3- Make sure that your message is .... if you need assistance from educational service providers.

a- Informal b- Formal c- Both

4- Your email message may contain ………….

a- Your name b- Your date of birth c- Your address

5- When using .... it is necessary to express your request with maximum clarity and focus.

a- Email b- Chat windows c- Telephone

6- Chatbots are used to respond to requests and are designed to answer questions online.

a- Chat windows b- Email c- Phone

Theme3: Lesson 5 : Questions

First: Put the word (True) or (False) :-

1- You can't use cloud computing to communicate with everyone at the same time. ( )

2- You can use cloud computing to communicate with everyone at the same time. ( )

3- You can communicate using digital tools via video chats. ( )

4- You can communicate using digital tools via chat rooms. ( )

5- Real-time communication prevents you to get your message across in a more engaging way. ( )

6- The basic tools are different in MS Teams and google Meet ( )

7- In the Meet platform, you can start a meeting instantly only. ( )

8- Once you create the meeting, copy its link and share it with the participants. ( )

9- To join the meeting there is only one way. ( )

10- To join the meeting, you can copy the meeting link and paste it into your browser. ( )

11- To create a meeting, click on the Join option. ( )

12- Once you're in the Meet, You will be asked to approve the use of the microphone and camera. ( )

13- Unless you turn off your camera, participants will be able to see you during the video conference. ( )

14- During the video conference, check that the microphone works when speaking. ( )

15- During your video conference mute, it when you're not. ( )

16- Be sure the internet is working, and that the video conferencing platform is working properly. ( )

Second: Choose the correct answer from the brackets:

1- Real-time communication allows you to get your message in a more engaging way when using ....

a- Email b- Video conference c- Text messaging

2- Two popular video conferencing platforms are ……………………

a- Microsoft Teams b- Google Meet. c- both

3- A platform for video conferencing ....

a- Teams b- Word c- Excel

4- A platform for video conferencing..............

a- Word b- Meet c- Excel

5- the basic tools are ………………….in MS Teams and google Meet.

a- similar b- different c- matched

6- On the Meet platform, you can start a meeting ....

a- instantly b- Later c- Both

7- There is .... to join the meeting.

a- One way b- Two ways c- Three ways

8- To create a meeting, click on the .... option.

a- Join b- New meeting c- Both

9- To join a meeting, click on the .... option.

a- Join b- New meeting c- Both

10- Check your Internet connection .... Communicate via video conference.

a- before b- after c- during

11- During the video conference, check that the ……. works when speaking.

a- microphone c- camera c- Speaker

12- Send an email to follow up ………….. the meeting.

a- before b- after c- during

Theme 3: Lesson 6 : Questions

First: Put the word (True) or (False) :-

1- Static web content is content that can be changed based on user interactions. ( )

2- Dynamic web content is content that can be changed based on user interactions. ( )

3- Static web content is the content that is placed and remains the same for every user who visits the website. ( )

4- Programming languages are commands that are provided in sentences for writing computer programs. ( )

5- To create a static web page, the HTML markup language is used. ( )

6- To create a dynamic web page, the HTML markup language is used. ( )

7- To create a dynamic web page, JavaScript is used. ( )

8- To solve the problem of the corrupted file, make sure that the software you are using is up to date. ( )

9- If your device's charging cable is damaged, it is best not to replace it. ( )

10- You must update the software you use in order for the files to work correctly. ( )

11- If you have a corrupted file, try to open it using another program. ( )

12- If you find water in the charging port of a device, do not clean or remove the water. ( )

13- If you forget your password, you can never recover it. ( )

14- You must prepare a strong and unique password. ( )

15- To avoid losing files, you must prepare a backup copy of them. ( )

16- Keep deleted files temporarily in the Recycle Bin. ( )

Second: Choose the correct answer from the brackets:

1- They are commands that are provided in sentences for writing computer programs.

a- Algorithms b- Programming languages c- Artificial intelligence

2- used to create web pages or (Static web)

a- HTML b- Java Script c- Scratch

3- allows the creation of dynamic web content.

a- HTML b- Java Script c- Scratch

4- content is set and remains the same to every user who visits the website.

a- Static web b- Dynamic web c- both

5- content is content that can be changed based on the individual user's interactions with the app or website.

a- Static web b- Dynamic web c- both

6- Be sure there are no issues with your electricity or socket at home when there is a problem

a- Corrupted file b- Device won't charge c- Forgotten password.

7- The presence of dust and water in the charging port causes a problem...

a- Corrupted file b- Device won't charge c- Forgotten password

8- To avoid Accidental file deletion, you must ....

a- Create a backup b- Do not forget the password c- Clean the charging port

9- When an error message appears when you try to save your file

a- Make sure that you do not use another file name.

b- Make sure that the password is correct.

c- Delete the file

10- It is used to create websites.

a- HTML b- Java Script c- Both

11- Its popular form of coding for smaller websites

a- HTML b- Java Script c- Both

12- It Easier to create websites.

a- HTML b- Java Script c- Both

13- It is better suited for dynamic content.

a- HTML b- Java Script c- Both

13- it Includes more personalized user interaction.

a- HTML b- Java Script c- Both

14- It is a programming language.

a- HTML b- Java Script c- Both

15- It is used to temporarily store deleted files on the computer.

a- Recycle bin b- Flash memory c- CPU



Lesson 1 Explorer in action

Put (√) or (X)

1. Ms. Ariam Mogos is one of National Geographic's explorers ( )
2. Ms. Ariam Mogos is a researcher and expert in medical equipment technology. Ms. Ariam Mogos is a researcher and expert in medical equipment technology. ( )
3. Educational games can be designed to inspire good morals in children and youth. ( )
4. Ariam Mogos designs computer games to teach youth and children about the ethical implications of technology. ( )
5. Helping refugee youth and communities in host countries is one way to collaborate. ( )
6. In 2015, Mogus designed a creative program that encourages young people in host countries to help refugees. ( )
7. Scratch was designed without prototyping ( )
8. Paper prototyping is one of the ways to plan any program or project. ( )
9. Scratch was designed by Ms. Sonika Manandhar ( )
10. Registering for Scratch requires you to pay a fee first to get access to the app ( )
11. Aryam Mogos' gaming groups discuss important social issues such as education and healthcare ( )
12. Aryam Mogos has created educational groups for her project on Whatsapp. ( )
13. Whatsapp is not a useful application for sharing student projects as it lacks interaction between students. ( )

14 Generating ideas, following up on the sharing of student projects and looking at the progress of the project is not done through online applications. ( )

15 AI activities have no impact on different societies and cultures ( )

16 In one of its activities, Aryam Mojos focused on how AI bots respond to an individual asking for advice on eating a post-workout snack. ( )

17 Evaluating the AI bots' response activity is an example of the steps of scientific research in problem solving. ( )

18 The algorithm procedure is used to solve issues related to the Arabic language ( )

19 An ICT learning tool can be created through the "I Love Algorithms" game ( )

20 The National Council for Artificial Intelligence (NCAI) was established in the United States in 2019 ( )

21 Egypt's National Council for Artificial Intelligence announced the launch of the AI platform in 2021 ( )

22 Egypt ranked second in Africa in terms of its readiness to implement AI technology ( )

23 In 2023, AI training programs were launched to be implemented in all secondary schools within five years ( )

24 Innovation Centers at Minya Universities contributed to the launch of other AI training programs in 2023. ( )

25 Egypt's AI labor market is experiencing a steep decline as the job opportunities offered by new startups are shrinking ( )

26 Blockchain is a digital system that records data on multiple computers at the same time to protect it from hacking ( )

27 Evaluating technology when it is used or invented is useless and irrelevant ( )

28 There are no challenges that students face when starting to design AI-enabled tools. ( )

29 AI can be used to distinguish between different images ( )

30 There are no specific technological tools that can be used in the design of educational computer games ( )

31 From voice virtual assistant tools Siri , Google assistant and Alexa ( )

32 No virtual tool can hold a conversation like a human. ( )

33 Amazon designed Alexa to learn automatically with the goal of helping the user. ( )

34 Alexa can react to a user's requests and play what he or she prefers. ( )

35 Alexa can suggest movies and music based on the user's preferences. ( )

36 Alexa offers her favorite food suggestions without regard to the user's preferences. ( )

37 No virtual tool can hold a conversation like a human. ( )

38 Alexa cannot give medical advice or answer questions. ( )

39 Alexa's voice virtual assistant helps Alexa read a story to the user and help them fall asleep. ( )

40 Amazon has failed to work on Alexa's understanding of tone of voice to know how the user is feeling. ( )

41 There is no online data storage to help Alexa do her job ( )

42 Users can access their data quickly when interacting with Alexa wherever they are. ( )

43 Machine learning reduces the efficiency of Alexa and AI systems. ( )

44 AI learns from what humans' input into it, helping them with their daily tasks. ( )

Choose the correct answer:

1- " Ariam Mogos is a researcher and technology expert..............

a. Aerospace b. engineering equipment. c. Education.

2- Ariam Mojos designs .... to teach youth and children the ethical implications of technology.

a. Electronic games b. Harmful websites c. Complex application

3- Helping others through the use of technology is a.............. way

a. Late retro b. Creative c. Normal

4- The groups based on Mogos' Refugee Assistance Program prepared .... templates as a method of planning

a. Digital b. Technological c. Initial Paper

5- Ms. .... "Scratch" application to discuss some children's issues

a. Big Kenner b. Sonika Manandhar c. Mojos

6- One of the issues addressed by the games is education: Mogos Education, Education and ....

a. Health care b. Agriculture c. Population

7- Mogos has created specialized groups for its project on ....

a. Youtube b. Facebook c. Whatsapp

8- Whatsapp enables teachers to follow .... and check their progress.

a. Learners b. Leaders c. Things

b.

9- Mojos has designed activities centered around the impact of .... on different societies and cultures.

a. Artificial Intelligence b. Magnetometer c. Unhealthy foo

10- In one of its activities, Mogos focused on the .... of A.I. robots voice-recognize a person

a. Avoid b-No Response c-Response.

11- Students can .... The way AI bots respond

a. evaluate b-edit c-delete.

12- The .... tool can be created through the game "I Love Algorithms"

a. Writing b. ICT. C. Drawing and coloring.

13- In the "I Love Algorithms" game, the player chooses the number of .... Algorithms and one dataset card to work on

a. One card b. Three cards c. Two cards

14- In 2019, the National Council for Artificial Intelligence was established in ....

a. Austria b. Egypt c. Switzerland

15- The National Council for Artificial Intelligence (NCAI) announced in .... announced the launch of an AI platform.

a. 2012 b. 2102 c. 2021

16- In 2023, Egypt ranked .... in Africa in terms of its readiness to implement AI technology.

a. Second b. First c. - Tenth

17- AI training programs have been launched to be applied to all .... schools within three years.

a. Secondary b. Preparatory c - Kindergarten

18- Minya and .... universities launched another AI program to coincide with its implementation in schools.

a. Mansoura b. Alexandria c. Qena

19- New startups are providing job opportunities for young people, resulting in .... in the AI market in Egypt.

a. Negative fragmentation b. Decline c. Growth

20- -............. is a system used by Mojos to record data on multiple computers at the same time to protect it from hacking.

a. PDF b. Blockchain c - Firefox

21- Siri, Google Assistant, and Alexa are some of the tools ....

a. Engineering Equipment b. Voice Virtual Assistants c. Typing

22- Apple designed .... while Amazon designed Alexa.

a. WhatsApp b. Messaging c. Siri

23- Amazon designed Alexa to be able to have conversations just like a human with the goal of ....

a. Replace the services of humans b. Help the user c. Imitate

24- -............... The user can ask Alexa for specific instructions.

a. Can b. Can't c. Can

25- Alexa suggests movies and music to the user based on ....

a. User preferences b. Community preferences c. Amazon's instructions

26- Some of the tasks Alexa performs .... for the user

a. Online shopping b. Farming c. Cooking

27- .... Alexa is optimized to understand the tone of voice

a. Google b. Apple c. Amazon

28- Alexa voice assistant service works within ....

a. Writing program b. Cloud c. PowerPoint app

29- -............... is a data storage space available over the Internet

a. Cloud b. hard c. disk drive.

30- .... technology increases the efficiency of Alexa and other AI systems

a. Courier b. Asynchronous communication c. Machine learning

Lesson 2 Ethics of using artificial intelligence

Put (√) or (X)

1. AI can use human traits to solve problems. (   )
2. AI cannot use logic and decision-making to perform tasks (   )
3. You can use some common AI tools. (   )
4. Facial recognition unlocking is an AI tool. (   )
5. Navigation apps that guide you to a destination are traditional technology tools. (   )
6. Smart home devices such as smart thermostats do not belong to AI gadgets. (   )
7. Digital voice assistants that answer questions or requests are real people, not virtual ones. (   )
8. Email filters are of great importance as they prevent dangerous emails from reaching your inbox. (   )

9	Social media sites that offer suggestions can be counted as one of the AI tools.	( )
10	Websites that provide responses from chatbots through chat windows are considered AI tools.	( )
11	Interactive learning programs that are customized to suit each user's abilities do not fall under AI tools.	( )
12	Language processing tools help to formulate your writing or answers to something from simple texts to coding articles.	( )
13	AI relies on algorithms that are biased towards certain answers and methods without using logic.	( )
14	There are no specific ethics that AI designers must adhere to or apply.	( )
15	Inclusivity means the inclusion of AI tools for a specific set of users.	( )
16	Unbiasedness is one of the ethics that AI designers should apply.	( )
17	AI tools should be used to help society, not take advantage of it.	( )
18	Transparency means understanding and explaining things to the other party.	( )
19	When designing AI tools, the privacy of the user must be taken into account	( )
20	The designer of an AI tool should not provide any information about the tool if it does not work properly.	( )
21	Following the ethics that should be applied by the designers of AI tools alleviates the fears of some people who are hesitant to use them.)	( )
22	AI designers are allowed to violate people's privacy or cheat	( )
23	Language processing tools are allowed to be used for business theft, misinformation, and impersonation	( )
24	It's up to you to protect yourself online, even if AI tools protect your data	( )

25- It's not as important as making sure the company behind the AI tool follows the rules of ethics. (   )

Choose the correct answer:

1- " -........... It is a technology that can use human traits to solve problems.

a. Painter's program b. Digital learning c. Artificial intelligence.

2- Facial recognition unlocking is one of the ……………. tools

a. Artificial Intelligence (AI) b. Drawing c - Writing

3- Navigation apps are used to ....

a. Know the type of fish b. guide to a destination

c- Know the percentage of natural salts in the seas

4- - Some AI tools are used in the home, including ....

a. regular refrigerator b. Reception room seating

c. Smart thermostats

5- A voice assistant is an AI tool that can help with ....

a. Answer questions and requests b. Cook food

c. Perform functional tasks instead of the user

6- .... Prevent dangerous emails from reaching your inbox

a. Social media programs b. Office applications c. Email filters

7- Social media sites offer .... to users from artificial intelligence tools

a. Scientific content in PDF format b. Ready-made videos

c. Suggestions to connect with others

8- Chat windows on websites provide ready-made responses from ....

a. Chatbots b. Real children c. Unintelligible words

9- .... processing tools vary from simple texts, emails, coding and articles.

a. Dental b. Heart patients c. Language

10- .... relies on algorithms to learn to solve problems, use logic, and make decisions

a. Learning to write Arabic b. Artificial Intelligence c. Dentist

11- One of the ethics that an AI designer must apply is ....

a. Lack of attention to detail b. Total bias c. Inclusivity

12- Data should be based on .... when designing AI tools

a. Truth b. Viewpoints c. Opinion

13- .... is the use of AI tools to help society, not benefit it.

a. Benefit b. Unbiasedness c. Inclusivity

14- It is a safety factor to consider .... when designing AI tools

a. Defamation of the user b. Publication of user data c. Privacy

15- It is the responsibility of the designer of AI tools to .... the fault to the user if the tool does not work efficiently

a. Publish b. Acknowledge c. Ignore

16- AI designers should use professional ethics in ....

a. Preserving user data b. Cheating and causing harm
c. Violating people's privacy

17- One of the concerns that some AI users have is ....

a. Failure to respond on demand b. Not mastering the tool to work
c. Impersonation

18- The ethics of AI designers that must be adhered to are ...., inclusiveness, accountability, responsibility, usefulness, impartiality, transparency.

a. Misleading   b. Disregard for privacy   c. Discretion.

Lesson 3 E-Commerce

Put (√) or (X)

1	E-commerce encompasses the traditional buying and selling of goods online.	( )
2	There is no such thing as an online store.	( )
3	Consumers sometimes use technological research tools while purchasing certain products.	( )
4	Many search tools can be used when shopping online.	( )
5	Search engines compare products in terms of price and quality.	( )
6	Search engines are very important because of the information they provide about products.	( )
7	Search engines help the consumer to make a decision when buying or selling.	( )
8	When searching for a product, many steps must be taken to obtain information about it through a search engine.	( )
9	Consumers can't compare products online.	( )
10	One of the elements that consumers compare in various products is the price and quality of the product.	( )
11	Online reviews do not influence the user's opinion about buying or selling a product.	( )

12 Online reviews can be fake, so consumers should be cautious. (   )
13 The shares that people can buy on the stock exchange are called shares. (   )
14 The shares that people can buy on the stock exchange are called stocks (   )
15 Individuals are not entitled to a percentage of the company's ownership when they buy shares. (   )
16 A company's performance determines its financial profit or loss. (   )
17 Competition and valuations do not affect a company's business or finances (   )
18 Negative publicity cannot limit a company's activity or cause it to lose money. (   )
19 Companies can sell bonds as a way to raise money (   )
20 Individuals do not have the right to buy shares in companies under the pretext of support and trust in the company. (   )
21 There are so-called green companies, which are supported by individuals who want to protect the environment. (   )
22 Buying and selling stocks through trusted websites has many hurdles that individuals are reluctant to overcome. (   )
23 Individuals can have more control over their financial decisions (   )

Choose the correct answer:

1- E-commerce encompasses both buying and selling ....

a- Traditional cash.   b- via the Internet.   c- monetary

2- There are many online stores, which causes .... consumer's decision-making process

a. happiness   b. trust in the store   c. confusion

3- The consumer uses tools .... to help choose the right and best product.

a. Technological research   b. Cooking   c. Writing

4- There are........... Technological research tools that can be used for online shopping.

a. few b. None c. Numerous

5- .... offers product reviews and links to appropriate shopping sites

Online reviews a. Search engines b. Comparison websites c.

6- .... can provide consumers with quick results about the product they want to buy.

a. Online reviews b. medical websites c. Comparison websites

7- When selecting information about a product from search engines, simply ....

a. Waiting in front of the device b. typing the product without clicking on the engine c. clicking on this information

8- Consumers use .... to compare products online.

a. Online reviews b. Online comparison sites c. Online comparison sites

9- For consumers .... Compare multiple products online in terms of features and price

a. They feel intimidated b. can't c. can

10- Online reviews are concerned with providing .... about a product, which helps in decision-making.

a. Comparisons b. Articles c. Reviews

11- ...... Reviews remain are always an aid in evaluating potential purchases.

a. Oral from family and friends. b. online c. elecronic

12- .... buys and sells stocks and bonds

a. Banks b. Stock exchanges c. stores

13- .... are equal parts into which the ownership of a company is divided

a. Offices b. Stocks c. Rooms

14- A company's losses and profits are based on the company's

a. Performance and activity b. Objectivity c. Honesty

15- Rumors and lies are among the .... that affect a company's business

a. Good Business b. Positive Publications c. Negative Publications

16- Individuals buy shares to support companies they trust in a way that is ....

a. Forced b. Optional c. Compulsory

17- You can invest in companies .... that care about preserving the environment.

a. Yellow b. Red c. Green

18- When buying or selling company shares online, it is important to make sure that .... the website is reliable and official.

a. Reliable and official b- Non-privacy c- Unreliable



Lesson 4

Communicating with educational service providers

Put (√) or (X)

1	ESP is an abbreviation for Educational Service Providers.	( )
2	Educational service providers include only for-profit organizations that provide educational support	( )
3	ESPs are sources of information that students can learn from.	( )
4	Some of the sources of information that students can access are "online libraries, virtual museums, and libraries.	( )
5	The Library of Alexandria is not considered a learning resource.	( )
6	The Egyptian Knowledge Bank is an organization that facilitates banking transactions.	( )
7	You can contact educational service providers whenever you need help with research.	( )
8	Formalizing your emails is not important when sending them to educational providers.	( )
9	Sometimes you may get an automated response thanking you for contacting them.	( )
10	Educational service providers can be contacted through chat windows if they are available on their websites.	( )
11	Educational service providers are more likely to speak randomly and impolitely if they are contacted informally through chat windows.	( )
12	Chat windows always employ real people to answer online questions.	( )

13 You can get an accurate response when expressing with maximum clarity and focus. ( )

14 Educational service providers can be approached for information about an issue or social concern. ( )

15 Providers can bridge the educational gaps between urban and rural areas in Egypt ( )

Choose the correct answer:

1- Educational service providers include for-profit and non-profit organizations that provide support ....

a. Technological. b. Educational. c. Medical.

2- Students can learn from educational providers as they are..................

a. Subject teachers b. responsible for testing c. a source of information

3- Educational providers may include online libraries, educational publishing sites, ...

a. Traditional brick-and-mortar libraries b. Virtual museums c. Paper books

4- The .... Bank and the Bibliotheca Alexandrina are two reputable educational providers in this field.

a. Egyptian Knowledge b. Al Ahly c. Egypt

5- You can get in touch with educational service providers by sending .... via email

a. Technological Tools b. Email message c. Gift

6- You can communicate with educational service providers through windows .... if available on their website.

a. Hotel b. Home c. Chat

7- You can contact educational service providers.................. formal

a. Less b. more c. Savage

8- Chatbots often employ .... to respond to requests

a. Mixed between real people and bots b. bots c. real people

9- You must express .... your request or you won't get an accurate or relevant response.

a. Randomly b. clearly c. vaguely

10- Technology has an .... role in bridging the educational gaps between urban and rural areas in Egypt

a. Negatively b. Unimportant c. Important

Lesson 5

Computational communication tools

Put (√) or (X)

1 The concept of cloud computing emphasizes the ability for everyone to interact at the same time through the use of digital tools. ( )

2 Cloud computing tools include video conferencing and live TV shows. ( )

3 Video conferencing allows you to watch but not interact with the other party. ( )
4 Microsoft Teams is not a video conferencing platform. ( )
5 Microsoft Teams and Google Meet are similar in the basic tools they offer. ( )
6 You can use video conferencing on Google Meet. ( )
7 To create a meeting, you don't have to click on the New Meeting option. ( )
8 You can create a meeting on Google Meet and start it immediately or save it for later. ( )
9 Once you create a meeting, you can copy the meeting link provided by Google and share it with the meeting participants. ( )
10 There is only one way to join a meeting on Google Meet and that is to click on the Join button. ( )
11 You can copy and paste the meeting link into your browser to join the meeting on Google Meet. ( )
12 When you join, Google Meet automatically opens the camera and turns on the microphone. ( )
13 You can open the camera by clicking once on the camera icon and open the audio by clicking once on the microphone icon. ( )
14 Neither the camera nor the microphone can be turned off once you join the meeting. ( )
15 You can check your internet connection after you join the video conference. ( )
16 Participants can see you during a video conference unless you turn off the camera ( )
17 You may not dress appropriately while joining a meeting via videoconference. ( )

18 You must look directly at the camera when speaking during the video conference ( )

19 A follow-up email with a summary of the meeting cannot be sent after the videoconference is over. ( )

20 You can record the meeting and provide a link to the recording of the meeting ( )

Choose the correct answer:

1- From .... Tools Live TV shows, instant chat rooms

a. Carpentry b. Engineering c. Cloud Computing.

2- Chat rooms allow communication in a more ....

a. Unifying b. Interactive c. Isolationist

3- The two most popular video conferencing platforms are Google Meet and Microsoft ....

a. Excel b. Word c. Teams

4- The basic tools offered by Google Meet and Microsoft Office. ....

a. Don't recognize b-similar c-differs

5- To create a meeting click on the option ....

a. New Meeting b- Join c. Open Camera

6- To join the meeting, copy and paste the link in ....

a. New folder b. on the desktop c.in the browser

7- To let everyone see you via video conference click on the icon ....

a. Camera b. Phone c. Microphone

8- Internet connection must be checked .... Connecting via video conference

a. During b. After c. Before

9- You need to mute when ....

a. Talking b. Using the microphone c. Not using the microphone

10- You can send a follow-up email to .... the meeting including a summary of the meeting

a. After b - during c. before

Lesson 6

Programming and digital problems and how to solve it

Put (√) or (X)

1	Programming languages are defined as commands issued by the technology teacher that students write in their notebooks.	( )
2	HTML stands for "Hypertext Markup Language."	( )
3	HTML is a language used to create web pages.	( )
4	There is no static web content that users visit.	( )
5	Content that can be changed based on user interactions with an application or website is called dynamic web content.	( )
6	You can create a static web page using JavaScript.	( )
7	You can use HTML to create a dynamic web page.	( )

8 Common digital issues include a corrupted file, a device that won't charge, a forgotten password... ( )
9 When a file is corrupted, it can be deleted and downloaded again or opened using another program. ( )
10 Failure to update the software used can lead to corrupted files. ( )
11 Electrical issues can cause your computer to not charge. ( )
12 Sometimes dust and water in the charger port can cause the charger to be unable to deliver electricity to the device. ( )
13 The charging cable does not play an important role in charging the device. ( )
14 The charging port can be cleaned indiscriminately without following the supplier's instructions ( )
15 There are no solutions to the issue of forgetting the password other than deleting the entire link and not returning to the application again. ( )
16 There are apps that allow you to manage passwords until they are remembered. ( )
17 Passwords should be strong and unique for each account ( )
18 Accidentally deleting files is a digital issue for some users. ( )
19 One way to solve digital issues is to turn on the Recycle Bin on your computer. ( )
20 A cloud storage service allows files to be backed up regularly. ( )
21 When you don't have access to a file storage site, a message appears that you can access it. ( )
22 Tokens make opening files quick and easy ( )

Choose the correct answer:

1- .... Languages are commands given in the form of sentences to write computer programs

a. signaling. B. programming. c. Foreign

2- Hypertext Markup Language is referred to as ....

a. MHAG b. Java c. "HTML"

3- .... is the web content that is placed and remains the same for every user who visits the website.

a. JavaScript c. Static Web Content c. Dynamic Web Content

4- To create a dynamic web page, the............. programming language is used

a. MHAG b. Java c. "HTML"

5- One of the digital issues is having a.................... file

a. Small in size Corrupted b. huge c. damaged

6- You can delete the file and reload it again when ....

a. Opening the file for the first time b. no need for the file
c. the file is corrupted

7- If the charger cable is not working, you can ....

a. Work without it b. Replace it c. Dispense with it

8- The presence of dust and water in the charging port can lead to a device that is ....

a. Good to use b. Damaged c. Not charging

9- If you forget your password, follow .... to create a new password.

a. Safety and security instructions
b. Electronic steps
c - Parental instructions

10- The Trash can works on .... for temporarily deleted files

a. Edit
b. Permanent Deletion
c. Storage

11- Important files can be backed up regularly using .... when accidentally deleting a file

a. Facebook
b. Messenger
c. Cloud storage service

12- To try to save the file, you must have a/an.....................

a. Computer
b. the correct key
c. access authorization

Lesson 7

Using photo editing tools

Put (√) or (X)

1	There is a photo editing program to change photos to make them more appealing	( )
2	Ordinary people use the same photo software as professional photographers	( )
3	The type of photography software varies from one group of people to another, depending on their work and hobbies	( )
4	Adobe Photo Shop is one of the most expensive photo programs	( )
5	There is no free quality in photo programs, especially the GIMP program, as it requires expensive fees	( )

6 GIMP allows you to use Photoshop-like tools for free ( )

7 GIMP is a limited-source program that can be used on specific operating systems ( )

8 GIMP is another creation tool you can use for presentations ( )

9 You can use GIMP to optimize images, merge images, and special effects ( )

10 It's difficult to optimize images or remove blemishes to make them brighter ( )

11 Skin color and eye color cannot be restored to their natural state after shooting with any software ( )

12 GIMP can be used to change the background of photos ( )

13 One of the unique features of GIMP is that it can make the sky look clear in a photo taken on a cloudy day ( )

14 Photo stitching refers to combining two photos together to look like one ( )

15 Filters are used to add special effects to an image ( )

16 Motion blur is a popular photo blending effect ( )

17 GIMP is a powerful program, but it takes up a lot of space on your hard drive ( )

18 You can learn how to use GIMP from some online resources ( )

19 You can customize your interface and show the tools you need in GIMP ( )

20 With GIMP, you can edit photos without converting them to PDF or jpeg ( )

21 GIMP can be used to change and publish images to spread ideas and improve performance ( )

Choose the correct answer:

1- Graphic designers and professional photographers use expensive programs such as ....

a. Cap Cut b. Adobe Photoshop c. GIMP

2- A free program that you can use as you wish ....

a. Cap Cut b. Adobe Photoshop c. GIMP

3- GIMP is one of the .... programs.

a. open-source b. has no source c-limits

4- The .... feature allows feature allows GIMP to optimize images to make them more beautiful.

a. Optimize images b. Merge images b. Special effects

5- Eye color, skin texture, and background can be changed with ....

a. Video Show b. GIMP c. Adobe Photoshop

6- An idea that doesn't exist yet can be shown through .... with the GIMP program

a. Merge images b. Optimize images c. Special effects

7- You have the ability to use filters through .... GIMP.

a. Photo Enhancement b. Special Effects c. Photo Merge

8- Using .... allows you to make an image move from motion blur

a. Drawing Tools b. Writing Tools c. Filters

9- You can make an image look old through artistic ....

a. Drawing Brushes b. Filters c. PowerPoint Tools

10- GIMP's storage space on your hard drive is ....

a. Medium b. negligible c. huge

11- .... Customize your GIMP interface

a. You can b. Can't c. Difficult

12- GIMP supports all files, so it can be used directly via .... And also without downloading

a. WhatsApp b. TV c. Online

13- You can convert the image from one type to another such as PDF, jpeg through the program ....

a. Facebook b. Messenger c. GIMP



Lesson 1 Explorer in action

Put (√) or (X)

No.	Statement	Answer
1	Ms. Ariam Mogos is one of National Geographic's explorers	(√)
2	Ms. Ariam Mogos is a researcher and expert in medical equipment technology. Ms. Ariam Mogos is a researcher and expert in medical equipment technology.	(X)
3	Educational games can be designed to inspire good morals in children and youth.	(X)
4	Ariam Mogos designs computer games to teach youth and children about the ethical implications of technology.	(√)
5	Helping refugee youth and communities in host countries is one way to collaborate.	(√)
6	In 2015, Mogus designed a creative program that encourages young people in host countries to help refugees.	(√)
7	Scratch was designed without prototyping	(X)
8	Paper prototyping is one of the ways to plan any program or project.	(√)
9	Scratch was designed by Ms. Sonika Manandhar	(X)
10	Registering for Scratch requires you to pay a fee first to get access to the app	(X)
11	Aryam Mogos' gaming groups discuss important social issues such as education and healthcare	(√)
12	Aryam Mogos has created educational groups for her project on Whatsapp.	(√)
13	Whatsapp is not a useful application for sharing student projects as it lacks interaction between students.	(X)

14 Generating ideas, following up on the sharing of student projects and looking at the progress of the project is not done through online applications. (X)

15 AI activities have no impact on different societies and cultures (X)

16 In one of its activities, Aryam Mojos focused on how AI bots respond to an individual asking for advice on eating a post-workout snack. (√)

17 Evaluating the AI bots' response activity is an example of the steps of scientific research in problem solving. (√)

18 The algorithm procedure is used to solve issues related to the Arabic language (X)

19 An ICT learning tool can be created through the "I Love Algorithms" game (√)

20 The National Council for Artificial Intelligence (NCAI) was established in the United States in 2019 (X)

21 Egypt's National Council for Artificial Intelligence announced the launch of the AI platform in 2021 (√)

22 Egypt ranked second in Africa in terms of its readiness to implement AI technology (√)

23 In 2023, AI training programs were launched to be implemented in all secondary schools within five years (X)

24 Innovation Centers at Minya Universities contributed to the launch of other AI training programs in 2023. (√)

25 Egypt's AI labor market is experiencing a steep decline as the job opportunities offered by new startups are shrinking (X)

26 Blockchain is a digital system that records data on multiple computers at the same time to protect it from hacking (√)

27	Evaluating technology when it is used or invented is useless and irrelevant	(X)
28	There are no challenges that students face when starting to design AI-enabled tools.	(X)
29	AI can be used to distinguish between different images	(√)
30	There are no specific technological tools that can be used in the design of educational computer games	(X)
31	From voice virtual assistant tools Siri , Google assistant and Alexa	(√)
32	No virtual tool can hold a conversation like a human.	(X)
33	Amazon designed Alexa to learn automatically with the goal of helping the user.	(√)
34	Alexa can react to a user's requests and play what he or she prefers.	(√)
35	Alexa can suggest movies and music based on the user's preferences.	(√)
36	Alexa offers her favorite food suggestions without regard to the user's preferences.	(X)
37	No virtual tool can hold a conversation like a human.	(X)
38	Alexa cannot give medical advice or answer questions.	(X)
39	Alexa's voice virtual assistant helps Alexa read a story to the user and help them fall asleep.	(√)
40	Amazon has failed to work on Alexa's understanding of tone of voice to know how the user is feeling.	(X)
41	There is no online data storage to help Alexa do her job	(X)
42	Users can access their data quickly when interacting with Alexa wherever they are.	(√)
43	Machine learning reduces the efficiency of Alexa and AI systems.	(X)
44	AI learns from what humans' input into it, helping them with their daily tasks.	(√)

Choose the correct answer:

1- " Ariam Mogos is a researcher and technology expert...............

a. Aerospace b. engineering equipment. c. Education.

2- Ariam Mojos designs .... to teach youth and children the ethical implications of technology.

a. Electronic games b. Harmful websites c. Complex application

3- Helping others through the use of technology is a............... way

a. Late retro b. Creative c. Normal

4- The groups based on Mogos' Refugee Assistance Program prepared .... templates as a method of planning

a. Digital b. Technological c. Initial Paper

5- Ms. .... "Scratch" application to discuss some children's issues

a. Big Kenner b. Sonika Manandhar c. Mojos

6- One of the issues addressed by the games is education: Mogos Education, Education and ....

a. Health care b. Agriculture c. Population

7- Mogos has created specialized groups for its project on ....

a. Youtube b. Facebook c. Whatsapp

8- Whatsapp enables teachers to follow .... and check their progress.

a. Learners b. Leaders c. Things

9- Mojos has designed activities centered around the impact of .... on different societies and cultures.

a. Artificial Intelligence b. Magnetometer c. Unhealthy foo

10- In one of its activities, Mogos focused on the .... of A.I. robots voice-recognize a person

a. Avoid b-No Response c-Response.

11- Students can .... The way AI bots respond

a. evaluate b-edit c-delete.

12- The .... tool can be created through the game "I Love Algorithms"

a. Writing b. ICT. C. Drawing and coloring.

13- In the "I Love Algorithms" game, the player chooses the number of .... Algorithms and one dataset card to work on

a. One card b. Three cards c. Two cards

14- In 2019, the National Council for Artificial Intelligence was established in ....

a. Austria b. Egypt c. Switzerland

15- The National Council for Artificial Intelligence (NCAI) announced in .... announced the launch of an AI platform.

a. 2012 b. 2102 c. 2021

16- In 2023, Egypt ranked .... in Africa in terms of its readiness to implement AI technology.

a. Second b. First c. - Tenth

17- AI training programs have been launched to be applied to all .... schools within three years.

a. Secondary b. Preparatory c - Kindergarten

18- Minya and .... universities launched another AI program to coincide with its implementation in schools.

a. Mansoura b. Alexandria c. Qena

19- New startups are providing job opportunities for young people, resulting in .... in the AI market in Egypt.

a. Negative fragmentation b. Decline c. Growth

20- -............. is a system used by Mojos to record data on multiple computers at the same time to protect it from hacking.

a. PDF b. Blockchain c - Firefox

21- Siri, Google Assistant, and Alexa are some of the tools ....

a. Engineering Equipment b. Voice Virtual Assistants c. Typing

22- Apple designed .... while Amazon designed Alexa.

a. WhatsApp b. Messaging c. Siri

23- Amazon designed Alexa to be able to have conversations just like a human with the goal of ....

a. Replace the services of humans b. Help the user c. Imitate

24- -............... The user can ask Alexa for specific instructions.

a. Can b. Can't c. Can

25- Alexa suggests movies and music to the user based on ....

a. User preferences b. Community preferences c. Amazon's instructions

26- Some of the tasks Alexa performs .... for the user

a. Online shopping b. Farming c. Cooking

27- .... Alexa is optimized to understand the tone of voice

a. Google b. Apple c. Amazon

28- Alexa voice assistant service works within ....

a. Writing program b. Cloud c. PowerPoint app

29- -............... is a data storage space available over the Internet

a. Cloud b. hard c. disk drive.

30- .... technology increases the efficiency of Alexa and other AI systems

a. Courier b. Asynchronous communication c. Machine learning

Lesson 2 Ethics of using artificial intelligence

Put (√) or (X)

1. AI can use human traits to solve problems. (√)
2. AI cannot use logic and decision-making to perform tasks (X)
3. You can use some common AI tools. (√)
4. Facial recognition unlocking is an AI tool. (√)
5. Navigation apps that guide you to a destination are traditional technology tools. (X)
6. Smart home devices such as smart thermostats do not belong to AI gadgets. (X)
7. Digital voice assistants that answer questions or requests are real people, not virtual ones. (X)
8. Email filters are of great importance as they prevent dangerous emails from reaching your inbox. (√)
9. Social media sites that offer suggestions can be counted as one of the AI tools. (√)

10 Websites that provide responses from chatbots through chat windows are considered AI tools. (√)

11 Interactive learning programs that are customized to suit each user's abilities do not fall under AI tools. (X)

12 Language processing tools help to formulate your writing or answers to something from simple texts to coding articles. (√)

13 AI relies on algorithms that are biased towards certain answers and methods without using logic. (X)

14 There are no specific ethics that AI designers must adhere to or apply. (X)

15 Inclusivity means the inclusion of AI tools for a specific set of users. (X)

16 Unbiasedness is one of the ethics that AI designers should apply. (√)

17 AI tools should be used to help society, not take advantage of it. (√)

18 Transparency means understanding and explaining things to the other party. (√)

19 When designing AI tools, the privacy of the user must be taken into account (√)

20 The designer of an AI tool should not provide any information about the tool if it does not work properly. (X)

21 Following the ethics that should be applied by the designers of AI tools alleviates the fears of some people who are hesitant to use them.) (√)

22 AI designers are allowed to violate people's privacy or cheat (X)

23 Language processing tools are allowed to be used for business theft, misinformation, and impersonation (X)

24 It's up to you to protect yourself online, even if AI tools protect your data (√)

25 It's not as important as making sure the company behind the AI tool follows the rules of ethics. (X)

Choose the correct answer:

1- " - .... It is a technology that can use human traits to solve problems.

a. Painter's program b. Digital learning c. Artificial intelligence.

2- Facial recognition unlocking is one of the ……………… tools

a. Artificial Intelligence (AI) b. Drawing c - Writing

3- Navigation apps are used to ....

a. Know the type of fish b. guide to a destination

c- Know the percentage of natural salts in the seas

4- - Some AI tools are used in the home, including ....

a. regular refrigerator b. Reception room seating

c. Smart thermostats

5- A voice assistant is an AI tool that can help with ....

a. Answer questions and requests b. Cook food

c. Perform functional tasks instead of the user

6- .... Prevent dangerous emails from reaching your inbox

a. Social media programs b. Office applications c. Email filters

7- Social media sites offer .... to users from artificial intelligence tools

a. Scientific content in PDF format b. Ready-made videos

c. Suggestions to connect with others

8- Chat windows on websites provide ready-made responses from ....

a. Chatbots b. Real children c. Unintelligible words

9- .... processing tools vary from simple texts, emails, coding and articles.

a. Dental b. Heart patients c. Language

10- .... relies on algorithms to learn to solve problems, use logic, and make decisions

a. Learning to write Arabic b. Artificial Intelligence c. Dentist

11- One of the ethics that an AI designer must apply is ....

a. Lack of attention to detail b. Total bias c. Inclusivity

12- Data should be based on .... when designing AI tools

a. Truth b. Viewpoints c. Opinion

13- .... is the use of AI tools to help society, not benefit it.

a. Benefit b. Unbiasedness c. Inclusivity

14- It is a safety factor to consider .... when designing AI tools

a. Defamation of the user b. Publication of user data c. Privacy

15- It is the responsibility of the designer of AI tools to .... the fault to the user if the tool does not work efficiently

a. Publish b. Acknowledge c. Ignore

16- AI designers should use professional ethics in ....

a. Preserving user data b. Cheating and causing harm
c. Violating people's privacy

17- One of the concerns that some AI users have is ....

a. Failure to respond on demand b. Not mastering the tool to work
c. Impersonation

18- The ethics of AI designers that must be adhered to are ...., inclusiveness, accountability, responsibility, usefulness, impartiality, transparency.

a. Misleading b. Disregard for privacy c. Discretion.



Lesson 3 E-Commerce

Put (√) or (X)

#	Statement	Answer
1	E-commerce encompasses the traditional buying and selling of goods online.	(X)
2	There is no such thing as an online store.	(X)
3	Consumers sometimes use technological research tools while purchasing certain products.	(√)
4	Many search tools can be used when shopping online.	(√)
5	Search engines compare products in terms of price and quality.	(X)
6	Search engines are very important because of the information they provide about products.	(√)
7	Search engines help the consumer to make a decision when buying or selling.	(√)
8	When searching for a product, many steps must be taken to obtain information about it through a search engine.	(X)
9	Consumers can't compare products online.	(X)
10	One of the elements that consumers compare in various products is the price and quality of the product.	(√)
11	Online reviews do not influence the user's opinion about buying or selling a product.	(X)
12	Online reviews can be fake, so consumers should be cautious.	(√)
13	The shares that people can buy on the stock exchange are called shares.	(X)
14	The shares that people can buy on the stock exchange are called stocks	(√)
15	Individuals are not entitled to a percentage of the company's ownership when they buy shares.	(X)

16 A company's performance determines its financial profit or loss. (√)

17 Competition and valuations do not affect a company's business or finances (X)

18 Negative publicity cannot limit a company's activity or cause it to lose money. (X)

19 Companies can sell bonds as a way to raise money (√)

20 Individuals do not have the right to buy shares in companies under the pretext of support and trust in the company. (X)

21 There are so-called green companies, which are supported by individuals who want to protect the environment. (√)

22 Buying and selling stocks through trusted websites has many hurdles that individuals are reluctant to overcome. (X)

23 Individuals can have more control over their financial decisions (√)

Choose the correct answer:

1- E-commerce encompasses both buying and selling ....

a- Traditional cash. b- via the Internet. c- monetary

2- There are many online stores, which causes .... consumer's decision-making process

a. happiness b. trust in the store c. confusion

3- The consumer uses tools .... to help choose the right and best product.

a. Technological research b. Cooking c. Writing

4- There are........... Technological research tools that can be used for online shopping.

a. few b. None c. Numerous

5- .... offers product reviews and links to appropriate shopping sites

a. Online reviews b. Search engines c. Comparison websites

6- .... can provide consumers with quick results about the product they want to buy.

a. Online reviews b. medical websites c. Comparison websites

7- When selecting information about a product from search engines, simply ....

a. Waiting in front of the device b. typing the product without clicking on the engine c. clicking on this information

8- Consumers use .... to compare products online.

a. Online reviews b. Online comparison sites

c. Online comparison sites

9- For consumers .... Compare multiple products online in terms of features and price

a. They feel intimidated b. can't c. can

10- Online reviews are concerned with providing .... about a product, which helps in decision-making.

a. Comparisons b. Articles c. Reviews

11- ......Reviews remain are always an aid in evaluating potential purchases.

a. Oral from family and friends. b. online c. elecronic

12- .... buys and sells stocks and bonds

a. Banks b. Stock exchanges c. stores

13- .... are equal parts into which the ownership of a company is divided

a. Offices b. Stocks c. Rooms

14- A company's losses and profits are based on the company's

a. Performance and activity b. Objectivity c. Honesty

15- Rumors and lies are among the .... that affect a company's business

a. Good Business b. Positive Publications c. Negative Publications

16- Individuals buy shares to support companies they trust in a way that is ....

a. Forced b. Optional c. Compulsory

17- You can invest in companies .... that care about preserving the environment.

a. Yellow b. Red c. Green

18- When buying or selling company shares online, it is important to make sure that .... the website is reliable and official.

a. Reliable and official b- Non-privacy c- Unreliable

Lesson 4

Communicating with educational service providers

Put (√) or (X)

1 ESP is an abbreviation for Educational Service Providers. ()

2	Educational service providers include only for-profit organizations that provide educational support	(X)
3	ESPs are sources of information that students can learn from.	(√)
4	Some of the sources of information that students can access are "online libraries, virtual museums, and libraries.	(√)
5	The Library of Alexandria is not considered a learning resource.	(X)
6	The Egyptian Knowledge Bank is an organization that facilitates banking transactions.	(X)
7	You can contact educational service providers whenever you need help with research.	(√)
8	Formalizing your emails is not important when sending them to educational providers.	(X)
9	Sometimes you may get an automated response thanking you for contacting them.	(√)
10	Educational service providers can be contacted through chat windows if they are available on their websites.	(√)
11	Educational service providers are more likely to speak randomly and impolitely if they are contacted informally through chat windows.	(X)
12	Chat windows always employ real people to answer online questions.	(X)
13	You can get an accurate response when expressing with maximum clarity and focus.	(√)
14	Educational service providers can be approached for information about an issue or social concern.	(√)
15	Providers can bridge the educational gaps between urban and rural areas in Egypt	(√)

Choose the correct answer:

1- Educational service providers include for-profit and non-profit organizations that provide support ....

a. Technological. b. Educational. c. Medical.

2- Students can learn from educational providers as they are..................

a. Subject teachers b. responsible for testing c. a source of information

3- Educational providers may include online libraries, educational publishing sites, ...

a. Traditional brick-and-mortar libraries b. Virtual museums c. Paper books

4- The .... Bank and the Bibliotheca Alexandrina are two reputable educational providers in this field.

a. Egyptian Knowledge b. Al Ahly c. Egypt

5- You can get in touch with educational service providers by sending .... via email

a. Technological Tools b. Email message c. Gift

6- You can communicate with educational service providers through windows .... if available on their website.

a. Hotel b. Home c. Chat

7- You can contact educational service providers.................. formal

a. Less b. more c. Savage

8- Chatbots often employ .... to respond to requests

a. Mixed between real people and bots b. bots c. real people

9- You must express .... your request or you won't get an accurate or relevant response.

a. Randomly b. clearly c. vaguely

10- Technology has an .... role in bridging the educational gaps between urban and rural areas in Egypt

a. Negatively b. Unimportant c. Important

Lesson5

Computational communication tools

Put (√) or (X)

1 The concept of cloud computing emphasizes the ability for everyone to interact at the same time through the use of digital tools. (√)

2 Cloud computing tools include video conferencing and live TV shows. (√)

3 Video conferencing allows you to watch but not interact with the other party. (X)

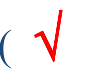
4 Microsoft Teams is not a video conferencing platform. (X)

5 Microsoft Teams and Google Meet are similar in the basic tools they offer. (√)

6 You can use video conferencing on Google Meet. (√)

7 To create a meeting, you don't have to click on the New Meeting option. (X)

8 You can create a meeting on Google Meet and start it immediately or save it for later. (√)

9 Once you create a meeting, you can copy the meeting link provided by Google and share it with the meeting participants. ()

10 There is only one way to join a meeting on Google Meet and that is to click on the Join button. (X)

11 You can copy and paste the meeting link into your browser to join the meeting on Google Meet. (√)

12 When you join, Google Meet automatically opens the camera and turns on the microphone. (X)

13 You can open the camera by clicking once on the camera icon and open the audio by clicking once on the microphone icon. (√)

Neither the camera nor the microphone can be turned off once you join the meeting. (X)

15 You can check your internet connection after you join the video conference. (X)

16 Participants can see you during a video conference unless you turn off the camera (√)

17 You may not dress appropriately while joining a meeting via videoconference. (X)

18 You must look directly at the camera when speaking during the video conference (√)

19 A follow-up email with a summary of the meeting cannot be sent after the videoconference is over. (X)

20 You can record the meeting and provide a link to the recording of the meeting (√)

Choose the correct answer:

1- From .... Tools Live TV shows, instant chat rooms

a. Carpentry b. Engineering c. Cloud Computing.

2- Chat rooms allow communication in a more ....

a. Unifying b. Interactive c. Isolationist

3- The two most popular video conferencing platforms are Google Meet and Microsoft ....

a. Excel b. Word c. Teams

4- The basic tools offered by Google Meet and Microsoft Office. ....

a. Don't recognize b-similar c-differs

5- To create a meeting click on the option ....

a. New Meeting b- Join c. Open Camera

6- To join the meeting, copy and paste the link in ....

a. New folder b. on the desktop c.in the browser

7- To let everyone see you via video conference click on the icon ....

a. Camera b. Phone c. Microphone

8- Internet connection must be checked .... Connecting via video conference

a. During b. After c. Before

9- You need to mute when ....

a. Talking b. Using the microphone c. Not using the microphone

10- You can send a follow-up email to .... the meeting including a summary of the meeting

a. After b - during c. before



Lesson 6

Programming and digital problems and how to solve it

Put (√) or (X)

1. Programming languages are defined as commands issued by the technology teacher that students write in their notebooks. (X)
2. HTML stands for "Hypertext Markup Language." (√)
3. HTML is a language used to create web pages. (√)
4. There is no static web content that users visit. (X)
5. Content that can be changed based on user interactions with an application or website is called dynamic web content. (√)
6. You can create a static web page using JavaScript. (X)
7. You can use HTML to create a dynamic web page. (X)
8. Common digital issues include a corrupted file, a device that won't charge, a forgotten password... (√)
9. When a file is corrupted, it can be deleted and downloaded again or opened using another program. (√)
10. Failure to update the software used can lead to corrupted files. (√)
11. Electrical issues can cause your computer to not charge. (√)
12. Sometimes dust and water in the charger port can cause the charger to be unable to deliver electricity to the device. (√)
13. The charging cable does not play an important role in charging the device. (X)

14 The charging port can be cleaned indiscriminately without following the supplier's instructions (X)

15 There are no solutions to the issue of forgetting the password other than deleting the entire link and not returning to the application again. (X)

16 There are apps that allow you to manage passwords until they are remembered. (√)

17 Passwords should be strong and unique for each account (X)

18 Accidentally deleting files is a digital issue for some users. (√)

19 One way to solve digital issues is to turn on the Recycle Bin on your computer. (√)

20 A cloud storage service allows files to be backed up regularly. (√)

21 When you don't have access to a file storage site, a message appears that you can access it. (X)

22 Tokens make opening files quick and easy (√)

Choose the correct answer:

1- .... Languages are commands given in the form of sentences to write computer programs

a. signaling. B. programming. c. Foreign

2- Hypertext Markup Language is referred to as ....

a. MHAG b. Java c. "HTML"

3- .... is the web content that is placed and remains the same for every user who visits the website.

a. JavaScript c. Static Web Content c. Dynamic Web Content

4- To create a dynamic web page, the.............. programming language is used

a. MHAG   b. Java   c. "HTML"

5- One of the digital issues is having a.................... file

a. Small in size Corrupted   b. huge   c. damaged

6- You can delete the file and reload it again when ....

a. Opening the file for the first time   b. no need for the file

c. the file is corrupted

7- If the charger cable is not working, you can ....

a. Work without it   b. Replace it   c. Dispense with it

8- The presence of dust and water in the charging port can lead to a device that is ....

a. Good to use   b. Damaged   c. Not charging

9- If you forget your password, follow .... to create a new password.

a. Safety and security instructions   b. Electronic steps

c - Parental instructions

10- The Trash can works on .... for temporarily deleted files

a. Edit   b. Permanent Deletion   c. Storage

11- Important files can be backed up regularly using .... when accidentally deleting a file

a. Facebook   b. Messenger   c. Cloud storage service

12- To try to save the file, you must have a/an.....................

a. Computer   b. the correct key   c. access authorization



Lesson 7

Using photo editing tools

Put (√) or (X)

1	There is a photo editing program to change photos to make them more appealing	(√)
2	Ordinary people use the same photo software as professional photographers	(X)
3	The type of photography software varies from one group of people to another, depending on their work and hobbies	(√)
4	Adobe Photo Shop is one of the most expensive photo programs	(√)
5	There is no free quality in photo programs, especially the GIMP program, as it requires expensive fees	(X)
6	GIMP allows you to use Photoshop-like tools for free	(√)
7	GIMP is a limited-source program that can be used on specific operating systems	(X)
8	GIMP is another creation tool you can use for presentations	(√)
9	You can use GIMP to optimize images, merge images, and special effects	(√)
10	It's difficult to optimize images or remove blemishes to make them brighter	(X)
11	Skin color and eye color cannot be restored to their natural state after shooting with any software	(X)
12	GIMP can be used to change the background of photos	(√)

13 One of the unique features of GIMP is that it can make the sky look clear in a photo taken on a cloudy day (√)

14 Photo stitching refers to combining two photos together to look like one (√)

15 Filters are used to add special effects to an image (√)

16 Motion blur is a popular photo blending effect (X)

17 GIMP is a powerful program, but it takes up a lot of space on your hard drive (X)

18 You can learn how to use GIMP from some online resources (√)

19 You can customize your interface and show the tools you need in GIMP (√)

20 With GIMP, you can edit photos without converting them to PDF or jpeg (X)

21 GIMP can be used to change and publish images to spread ideas and improve performance (√)

Choose the correct answer:

1- Graphic designers and professional photographers use expensive programs such as ....

a. Cap Cut　　b. Adobe Photoshop　　c. GIMP

2- A free program that you can use as you wish ....

a. Cap Cut　　b. Adobe Photoshop　　c. GIMP

3- GIMP is one of the .... programs.

a. open-source　　b. has no source　　c-limits

4- The .... feature allows feature allows GIMP to optimize images to make them more beautiful.

a. Optimize images　　b. Merge images　　b. Special effects

5- Eye color, skin texture, and background can be changed with ....

a. Video Show　　b. GIMP　　c. Adobe Photoshop

6- An idea that doesn't exist yet can be shown through .... with the GIMP program

a. Merge images b. Optimize images c. Special effects

7- You have the ability to use filters through .... GIMP.

a. Photo Enhancement b. Special Effects c. Photo Merge

8- Using .... allows you to make an image move from motion blur

a. Drawing Tools b. Writing Tools c. Filters

9- You can make an image look old through artistic ....

a. Drawing Brushes b. Filters c. PowerPoint Tools

10- GIMP's storage space on your hard drive is ....

a. Medium b. negligible c. huge

11- .... Customize your GIMP interface

a. You can b. Can't c. Difficult

12- GIMP supports all files, so it can be used directly via .... And also without downloading

a. WhatsApp b. TV c. Online

13- You can convert the image from one type to another such as PDF, jpeg through the program ....

a. Facebook b. Messenger c. GIMP



Ministry of education Education

Exam Sample (1)

Put (√) or (X)

1 GIMP is another creation tool you can use for presentations ( )

2 There is no static web content that users visit. ( )

3 You can copy and paste the meeting link into your browser to join the meeting on Google Meet ( )

4 The Library of Alexandria is not considered a learning resource. ( )

5 Companies can sell bonds as a way to raise money ( )

Choose the correct answer:

1- .... relies on algorithms to learn to solve problems, use logic and make decisions

a- Dentist b- Artificial Intelligence c- Learning to write Arabic

2- The .... technology increases the efficiency of Alexa and other AI systems

a- Machine learning b- Asynchronous communication c- Express Mail.

3- The .... tool can be created through the game "I Love Algorithms"

a- Drawing and coloring b- ICT c- Writing

4- .... is a data storage space available online.

a. Hard disks b-Floppy desk c- Cloud

5- Device unlocking with facial recognition is one of the tools of ....

a- Writing b- Drawing c- Artificial Intelligence



Ministry of education Education

Exam Sample (2)

Put (√) or (X)

1 The type of photography program varies from one group of people to another according to the nature of their work and hobbies ( )

2 The charging cable does not play an important role in charging the device. ( )

3 Cloud computing tools include video chats and live TV shows. ( )

4 Chat windows always employ real people to answer questions online ( )

5 One of the elements that consumers compare between them in various products is the price and quality of the product. ( )

Choose the correct answer:

1- .... An explanatory phrase with short paragraphs of information that provides an overview of the website

a- Opinion b- Viewpoints c- Truth

2- Siri, Google Assistant, Alexa are tools for ....

a-writing b- Voice virtual assistants. c-Engineering equipment.

3- Social media sites that offer .... to users from artificial intelligence tools

a- Suggestions for communicating with others b- Ready-made videos c- Scientific content in PDF format

4- Among the ethics that an AI designer should apply are ....

a- Inclusiveness b- Total bias c- Lack of attention to detail

5- Consumers use tools .... to help choose the right and best product

a- Writing b- Cooking c- Technological research

Ministry of education Education

Exam Sample (1) (Answers)

Put (√) or (X)

1 GIMP is another creation tool you can use for presentations (√)

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Ministry of education Education

Exam Sample (2) (Answers)

Put (√) or (X)

1 The type of photography program varies from one group of people to another according to the nature of their work and hobbies (√)

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Azhar Exam Form (1)

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2- The .... technology increases the efficiency of Alexa and other AI systems

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3- The .... tool can be created through the game "I Love Algorithms"

a- Drawing and coloring   b- ICT   c- Writing

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b. Hard disks   b-Floppy desk   c- Cloud

5- Device unlocking with facial recognition is one of the tools of ....

a- Writing   b- Drawing   c- Artificial Intelligence

Match From (A) the suitable number From (B)

A			B
1	Search engines		is a technology that can use human traits to solve problems.
2	Facial recognition		It offers product reviews and links to appropriate shopping sites.
3	Artificial intelligence		Is used to unlock devices
4	Programming language		Is buying and selling of goods and services on the internet
5	E-commerce		are commands given in the form of sentences to write computer programs

Azhar Exam Form (2)

Put (√) or (X)

1. The type of photography program varies from one group of people to another according to the nature of their work and hobbies ( )
2. The charging cable does not play an important role in charging the device. ( )
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Choose the correct answer:

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b- Inclusiveness   b- Total bias   c- Lack of attention to detail

5- Consumers use tools .... to help choose the right and best product

a- Writing   b- Cooking   c- Technological research

Choose the correct answers using the words between brackets

Static web content - Adobe Photoshop - Art filters - Egyptian Knowledge Bank - GIMP

1- .... is the web content that is placed and remains the same for every user who visits the website

2- Eye color, skin texture and image background can be changed using ......

3- .... is a reputable educational service provider in this field

4- Graphic designers and professional photographers use expensive programs such as ....

5- You can make the image look old by ....

Azhar Exam Form (1) (Answers)

Put (√) or (X)

1	GIMP is another creation tool you can use for presentations	(√)
2	There is no static web content that users visit.	(X)

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Match From (A) the suitable number From (B)

	A		B
1	Search engines	3	is a technology that can use human traits to solve problems.
2	Facial recognition	1	It offers product reviews and links to appropriate shopping sites.
3	Artificial intelligence	2	Is used to unlock devices
4	Programming language	5	Is buying and selling of goods and services on the internet
5	E-commerce	4	are commands given in the form of sentences to write computer programs

Azhar Exam Form (2) (Answers)

Put (√) or (X)

1. The type of photography program varies from one group of people to another according to the nature of their work and hobbies (√)
2. The charging cable does not play an important role in charging the device. (X)
3. Cloud computing tools include video chats and live TV shows. (√)
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Choose the correct answers using the words between brackets

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2- Eye color, skin texture and image background can be changed using Art filters

3- Egyptian Knowledge Bank is a reputable educational service provider in this field

4- Graphic designers and professional photographers use expensive programs such as Adobe Photoshop

5- You can make the image look old by GIMP

………………………………. Administration	February Exam model 1	Grade 6
………………………………………. School	ICT	……………….
Student Name : ………………………………………………………….		15

اعداد سلسلة الخوارزمي بلال نصر

Question1: Put “true” or “false”:-

1- Ai can't use reasoning and decision-making to perform tasks. ( )
2- E-commerce is the buying and selling of goods and services on the internet. ( )
3- Educational service providers (ESPs) include non-profit organizations only. ( )
4- In the Meet platform, you can start a meeting instantly only. ( )
5- Unlocking the device with facial recognition is not artificial intelligence tool. ( )
6- Stocks therefore give the individual a percentage of ownership in a company. ( )
7- You can't contact ESPs. ( )

Question 2: Choose the correct answer from the following:

1- It is technology that is able to use human traits of problem solving,

a- Artificial Intelligence b- Virtual Reality c- The Cloud

2- Digital voice assistants are tools ………………. .

a- Cloud b- Artificial intelligence c- Virtual reality

3- It is the buying and selling of goods and services on the internet.

a- Search engines b- Stock exchange c- E-commerce

4- It can be used to find information about anything.

a- Search engines b- Stock exchange c- E-commerce

5- Educational service providers (ESP) include organizations ....

a- Profitable b- Non-profitable c- Profitable and non-profitable

6- they are one well-known educational services providers.

a- Alexandria Library b- Egyptian Knowledge Bank c- Both

7- Real-time communication allows you to get your message in a more engaging way when using ....

a- Email b- Video conference c- Text messaging

8- Two popular video conferencing platforms are …………………..

a- Microsoft Teams b- Google Meet. c- both

(End of Exam)

………………………………. Administration	February Exam model 2	Grade 6
……………………………………. School	ICT	……………….
Student Name : …………………………………………………………		15

اعداد سلسلة الخوارزمي بلال نصر

Question1: Put "true" or "false":-

1- Ai can't use reasoning and decision-making to perform tasks. ( )
2- Search engines are important technological research tools. ( )
3- You can communicate with ESP using chat windows only. ( )
4- In the Meet platform, you can start a meeting instantly only. ( )
5- Unlocking the device with facial recognition is not artificial intelligence tool. ( )
6- There are no risks from working in the stock market field. ( )
7- You can't contact ESPs. ( )

Question 2: Choose the correct answer from the following:

1- Ai depends on ……………….. to teach it

a- Programs b- Augmented reality c- Algorithms

2- Data should be based on fact, not opinion .

a- Be inclusive b- Be unbiased c- Be beneficial

3- provide articles about products and links to relevant shopping sites,

a- Search engines b- Stock exchange c- E-commerce

4- It is a market where people can buy and sell shares, called stocks

a- Search engines b- Stock exchange c- E-commerce

5- Make sure that your message is .... if you need assistance from educational service providers.

a- Informal b- Formal c- Both

6- Your email message may contain ………….

a- Your name b- Your date of birth c- Your address

7- A platform for video conferencing ....

a- Teams b- Word c- Excel

8- A platform for video conferencing..............

a- Word b- Meet c- Excel

(End of Exam)

.... Administration	February Exam model 1	6 Grade
.... School	ICT	....
Answers		15

Question1: Put "true" or "false":-

اعداد سلسلة الخوارزمي بلال نصر

1- Ai can't use reasoning and decision-making to perform tasks. (f)
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.... School	ICT	....
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اعداد سلسلة الخوارزمي بلال نصر

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(End of Exam)